Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023495.D
Acq On : 18 Dec 2024 11:46
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020756

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/19/2024
Supervised By :mohammad ahmed 12/19/2024

Quant Time: Dec 18 13:30:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	345262	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.269	136	1178729	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.145	164	836734	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.951	188	1781789	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.380	240	1713408	20.000	ng/ul	# 0.00
88) Perylene-d12	24.551	264	1797169	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.087	96	61345	6.541	ng/uL	-0.02
4) Pyridine-d5	3.499	84	473189	19.622	ng/ul	-0.02
7) Phenol-d5	6.728	99	548104	20.233	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	6.869	67	358044	20.949	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.069	132	402293	20.121	ng/ul	-0.02
15) 4-Methylphenol-d8	8.240	113	409756	18.741	ng/ul	-0.02
21) Nitrobenzene-d5	8.663	128	189546	21.534	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.375	143	206232	20.330	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	9.916	165	416584	19.457	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.416	131	478825	19.963	ng/ul	-0.02
46) Dimethylphthalate-d6	13.545	166	1201996	18.505	ng/ul	-0.01
49) Acenaphthylene-d8	13.834	160	1338100	19.530	ng/ul	0.00
54) 4-Nitrophenol-d4	14.422	143	136622	17.164	ng/ul	0.01
60) Fluorene-d10	15.157	176	1042145	18.240	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.316	200	144162	13.387	ng/ul	0.00
73) Anthracene-d10	17.051	188	1618146	19.899	ng/ul	0.00
81) Pyrene-d10	19.439	212	1924253	21.496	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.333	264	1796728	18.676	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.122	88	67678	6.522	ng/uL	97
5) Pyridine	3.522	79	489796	19.884	ng/ul	91
6) Benzaldehyde	6.693	77	359230	23.195	ng/ul	97
8) Phenol	6.757	94	579323	20.541	ng/ul#	83
10) Bis(2-Chloroethyl)ether	6.957	93	470280	21.125	ng/ul	99
12) 2-Chlorophenol	7.099	128	412916	19.700	ng/ul	96
13) 2-Methylphenol	7.975	108	412916	19.742	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.022	45	565217	20.878	ng/ul	98
16) Acetophenone	8.334	105	660887	17.959	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.310	70	359973	17.952	ng/ul	94
18) 4-Methylphenol	8.304	108	434243	19.235	ng/ul	93
19) Hexachloroethane	8.563	117	174903	17.138	ng/ul	89
22) Nitrobenzene	8.704	77	540787	20.192	ng/ul	98
23) Isophorone	9.222	82	998599	21.051	ng/ul	97
25) 2-Nitrophenol	9.404	139	214482	19.793	ng/ul#	81
26) 2,4-Dimethylphenol	9.475	107	449871	18.749	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.693	93	566531	21.138	ng/ul	99
29) 2,4-Dichlorophenol	9.946	162	407349	19.197	ng/ul	98
30) Naphthalene	10.316	128	1181280	19.143	ng/ul	100
32) 4-Chloroaniline	10.446	127	475596	20.449	ng/ul	98
33) Hexachlorobutadiene	10.587	225	307937	16.360	ng/ul	95
34) Caprolactam	11.234	113	132033	21.325	ng/ul	97
35) 4-Chloro-3-methylphenol	11.593	107	441890	19.178	ng/ul	95
36) 2-Methylnaphthalene	11.934	142	847994	18.531	ng/ul	98

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Reviewed By :Yogesh Patel 12/19/2024
Supervised By :mohammad ahmed 12/19/2024

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Quant Title : SVOA CALIBRATION
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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.151	142	851602	18.263	ng/ul	96
39)	1,2,4,5-Tetrachloroben...	12.310	216	555440	18.191	ng/ul	97
40)	Hexachlorocyclopentadiene	12.269	237	177369	12.090	ng/ul	98
41)	2,4,6-Trichlorophenol	12.563	196	359908	19.918	ng/ul	99
42)	2,4,5-Trichlorophenol	12.657	196	380517	19.709	ng/ul	97
43)	1,1'-Biphenyl	12.951	154	1158078	19.534	ng/ul#	97
44)	2-Chloronaphthalene	12.998	162	941747	19.638	ng/ul	96
45)	2-Nitroaniline	13.234	65	286457	20.618	ng/ul	91
47)	Dimethylphthalate	13.587	163	1197529	18.716	ng/ul	99
48)	2,6-Dinitrotoluene	13.739	165	251539	20.517	ng/ul	87
50)	Acenaphthylene	13.863	152	1369489	19.628	ng/ul	100
51)	3-Nitroaniline	14.081	138	233730	22.746	ng/ul	97
52)	Acenaphthene	14.204	153	981900	19.254	ng/ul	98
53)	2,4-Dinitrophenol	14.310	184	107211	13.560	ng/ul	86
55)	4-Nitrophenol	14.439	109	175272m	16.344	ng/ul	
56)	Dibenzofuran	14.551	168	1420663	18.343	ng/ul	94
57)	2,4-Dinitrotoluene	14.551	165	364442	18.447	ng/ul	89
58)	2,3,4,6-Tetrachlorophenol	14.804	232	334395	17.447	ng/ul#	93
59)	Diethylphthalate	14.986	149	1177890	18.458	ng/ul	99
61)	Fluorene	15.216	166	1124993	17.839	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.210	204	612761	16.753	ng/ul	98
63)	4-Nitroaniline	15.269	138	225872m	24.992	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.328	198	153942	13.476	ng/ul	93
67)	N-Nitrosodiphenylamine	15.433	169	982360	21.590	ng/ul	99
68)	4-Bromophenyl-phenylether	16.122	248	388196	18.456	ng/ul	99
69)	Hexachlorobenzene	16.245	284	440251	17.085	ng/ul	99
70)	Atrazine	16.410	200	406662	20.539	ng/ul	99
71)	Pentachlorophenol	16.616	266	265017	17.620	ng/ul	95
72)	Phenanthrene	16.998	178	1848953	20.072	ng/ul	99
74)	Anthracene	17.086	178	1865347	20.252	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	12.916	216	547841	21.330	ng/uL	98
76)	Pentachlorobenzene	14.475	250	545108	19.255	ng/uL	99
77)	Carbazole	17.380	167	1640675	21.864	ng/ul	99
78)	Di-n-butylphthalate	17.963	149	1976297	21.434	ng/ul	98
80)	Fluoranthene	19.098	202	2256722	22.000	ng/ul#	93
82)	Pyrene	19.474	202	2354268	21.629	ng/ul#	90
83)	Butylbenzylphthalate	20.421	149	918268	24.358	ng/ul	95
84)	3,3'-Dichlorobenzidine	21.298	252	651654	16.575	ng/ul#	99
85)	Benzo(a)anthracene	21.363	228	2207884	19.216	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.292	149	1270860	23.474	ng/ul	100
87)	Chrysene	21.427	228	2042190	18.547	ng/ul	99
89)	Di-n-octyl phthalate	22.492	149	2117871	24.129	ng/ul	100
90)	Benzo(b)fluoranthene	23.551	252	2160713	19.136	ng/ul#	97
91)	Benzo(k)fluoranthene	23.621	252	2126747	18.930	ng/ul#	98
93)	Benzo(a)pyrene	24.409	252	1996461	19.501	ng/ul#	98
94)	Indeno(1,2,3-cd)pyrene	28.156	276	2441724	18.559	ng/ul#	93
95)	Dibenzo(a,h)anthracene	28.192	278	1930820	18.338	ng/ul#	95
96)	Benzo(g,h,i)perylene	29.256	276	1875048m	18.614	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020756

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/19/2024
Supervised By :mohammad ahmed 12/19/2024