Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110924\
Data File : BP022941.D
Acq On : 08 Nov 2024 19:34
Operator : RC/JU
Sample : SSTD01050
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD010629

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/11/2024
Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 08 23:37:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 08 21:50:22 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	49476	20.000	ng/ul	0.00
20) Naphthalene-d8	10.346	136	195377	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.216	164	161146	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.028	188	423442	20.000	ng/ul	0.00
79) Chrysene-d12	21.463	240	516358	20.000	ng/ul	0.00
88) Perylene-d12	24.710	264	650447	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	4068	3.195	ng/uL	0.00
4) Pyridine-d5	3.564	84	27965	8.001	ng/ul	0.00
7) Phenol-d5	6.799	99	32441	7.789	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.940	67	20826	8.508	ng/ul	0.00
11) 2-Chlorophenol-d4	7.146	132	25968	8.787	ng/ul	0.00
15) 4-Methylphenol-d8	8.305	113	26671	8.025	ng/ul	0.00
21) Nitrobenzene-d5	8.740	128	13038	8.679	ng/ul	0.00
24) 2-Nitrophenol-d4	9.446	143	14976	8.611	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.993	165	32304	8.739	ng/ul	0.00
31) 4-Chloroaniline-d4	10.493	131	36266	8.303	ng/ul	0.00
46) Dimethylphthalate-d6	13.628	166	115219	8.999	ng/ul	0.01
49) Acenaphthylene-d8	13.910	160	116736	8.584	ng/ul	0.00
54) 4-Nitrophenol-d4	14.475	143	13356	6.218	ng/ul	0.00
60) Fluorene-d10	15.222	176	100502	9.050	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.381	200	21449	7.702	ng/ul	0.01
73) Anthracene-d10	17.139	188	170456	8.557	ng/ul	0.02
81) Pyrene-d10	19.510	212	228308	8.361	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.480	264	286498	8.248	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	4940	3.609	ng/uL	97
5) Pyridine	3.581	79	28784	8.032	ng/ul	94
6) Benzaldehyde	6.763	77	25214m	11.203	ng/ul	
8) Phenol	6.822	94	34654	7.998	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.028	93	27181	8.382	ng/ul	95
12) 2-Chlorophenol	7.175	128	27379	8.959	ng/ul	96
13) 2-Methylphenol	8.040	108	26113	8.304	ng/ul	87
14) 2,2'-oxybis(1-Chloropr...	8.099	45	31999	8.490	ng/ul	97
16) Acetophenone	8.405	105	47513	8.659	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.381	70	24957	8.977	ng/ul	95
18) 4-Methylphenol	8.369	108	28834	8.265	ng/ul	95
19) Hexachloroethane	8.646	117	13636	9.581	ng/ul	95
22) Nitrobenzene	8.775	77	37306	8.319	ng/ul	96
23) Isophorone	9.305	82	66343	8.252	ng/ul	99
25) 2-Nitrophenol	9.475	139	16244	8.666	ng/ul	95
26) 2,4-Dimethylphenol	9.546	107	34703	8.518	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.769	93	37439	8.201	ng/ul	98
29) 2,4-Dichlorophenol	10.022	162	30678	8.428	ng/ul	96
30) Naphthalene	10.393	128	92598	8.898	ng/ul	98
32) 4-Chloroaniline	10.516	127	36118	8.377	ng/ul	97
33) Hexachlorobutadiene	10.669	225	29654	9.665	ng/ul	99
34) Caprolactam	11.299	113	8470m	7.217	ng/ul	
35) 4-Chloro-3-methylphenol	11.657	107	33970	8.553	ng/ul	98
36) 2-Methylnaphthalene	12.010	142	69223	9.062	ng/ul	95

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.222	142	71476	9.167	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.381	216	53157	8.921	ng/ul	92
40)	Hexachlorocyclopentadiene	12.351	237	20504	5.648	ng/ul#	97
41)	2,4,6-Trichlorophenol	12.646	196	30855	8.232	ng/ul	98
42)	2,4,5-Trichlorophenol	12.728	196	33001	8.269	ng/ul	90
43)	1,1'-Biphenyl	13.028	154	102087	8.789	ng/ul	97
44)	2-Chloronaphthalene	13.075	162	83892	8.823	ng/ul	98
45)	2-Nitroaniline	13.310	65	21990	7.745	ng/ul	90
47)	Dimethylphthalate	13.675	163	116017	9.094	ng/ul	99
48)	2,6-Dinitrotoluene	13.798	165	20904	8.663	ng/ul#	85
50)	Acenaphthylene	13.940	152	120190	8.516	ng/ul	100
51)	3-Nitroaniline	14.145	138	17725	7.820	ng/ul	92
52)	Acenaphthene	14.287	153	88267	8.844	ng/ul	95
53)	2,4-Dinitrophenol	14.375	184	11283	6.355	ng/ul	96
55)	4-Nitrophenol	14.492	109	13820	5.797	ng/ul	92
56)	Dibenzofuran	14.628	168	136612	9.113	ng/ul	95
57)	2,4-Dinitrotoluene	14.628	165	34200	9.120	ng/ul#	69
58)	2,3,4,6-Tetrachlorophenol	14.869	232	32677	8.772	ng/ul	96
59)	Diethylphthalate	15.057	149	112923	9.226	ng/ul	98
61)	Fluorene	15.292	166	113414	9.285	ng/ul	97
62)	4-Chlorophenyl-phenyle...	15.292	204	67136	9.611	ng/ul	98
63)	4-Nitroaniline	15.339	138	17824m	7.815	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.398	198	22707	7.570	ng/ul#	90
67)	N-Nitrosodiphenylamine	15.504	169	94721	8.353	ng/ul	95
68)	4-Bromophenyl-phenylether	16.192	248	45799	8.969	ng/ul	97
69)	Hexachlorobenzene	16.322	284	59202	9.419	ng/ul	95
70)	Atrazine	16.486	200	44645	9.472	ng/ul	99
71)	Pentachlorophenol	16.686	266	32192m	7.965	ng/ul	
72)	Phenanthrene	17.075	178	197817	8.732	ng/ul	98
74)	Anthracene	17.169	178	201772	8.925	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	12.998	216	54119	8.394	ng/uL	96
76)	Pentachlorobenzene	14.540	250	62839	8.817	ng/uL	97
77)	Carbazole	17.457	167	164241	8.210	ng/ul	99
78)	Di-n-butylphthalate	18.028	149	184903	8.354	ng/ul	100
80)	Fluoranthene	19.157	202	257463	8.202	ng/ul	99
82)	Pyrene	19.539	202	280729	8.344	ng/ul	98
83)	Butylbenzylphthalate	20.492	149	86284	7.366	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.374	252	108867	8.845	ng/ul	100
85)	Benzo(a)anthracene	21.445	228	309143	8.540	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.374	149	127977	7.611	ng/ul	95
87)	Chrysene	21.504	228	287710	8.572	ng/ul	98
89)	Di-n-octyl phthalate	22.604	149	214792	6.942	ng/ul	100
90)	Benzo(b)fluoranthene	23.674	252	342006	8.353	ng/ul	99
91)	Benzo(k)fluoranthene	23.751	252	338573m	8.446	ng/ul	
93)	Benzo(a)pyrene	24.551	252	311474	8.266	ng/ul	97
94)	Indeno(1,2,3-cd)pyrene	28.368	276	437898m	8.708	ng/ul	
95)	Dibenzo(a,h)anthracene	28.427	278	358517m	8.805	ng/ul	
96)	Benzo(g,h,i)perylene	29.492	276	328812	8.407	ng/ul	97

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

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