Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023551.D
Acq On : 20 Dec 2024 09:44
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020761

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 20 22:42:22 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	7.505	152	208942	20.000	ng/ul	-0.04
20) Naphthalene-d8	10.246	136	779448	20.000	ng/ul	#-0.04
38) Acenaphthene-d10	14.122	164	547867	20.000	ng/ul	-0.02
64) Phenanthrene-d10	16.939	188	1191243	20.000	ng/ul	#-0.02
79) Chrysene-d12	21.375	240	1344658	20.000	ng/ul	#-0.01
88) Perylene-d12	24.551	264	1557334	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.081	96	41073	7.237	ng/uL	-0.02
4) Pyridine-d5	3.493	84	296504	20.317	ng/ul	-0.02
7) Phenol-d5	6.717	99	338084	20.622	ng/ul	-0.03
9) Bis-(2-Chloroethyl)eth...	6.858	67	214148	20.704	ng/ul	-0.04
11) 2-Chlorophenol-d4	7.058	132	244937	20.243	ng/ul	-0.03
15) 4-Methylphenol-d8	8.228	113	250928	18.964	ng/ul	-0.03
21) Nitrobenzene-d5	8.646	128	115977	19.926	ng/ul	-0.04
24) 2-Nitrophenol-d4	9.358	143	137402	20.483	ng/ul	-0.04
28) 2,4-Dichlorophenol-d3	9.905	165	268408	18.958	ng/ul	-0.03
31) 4-Chloroaniline-d4	10.405	131	316766	19.972	ng/ul	-0.04
46) Dimethylphthalate-d6	13.540	166	806312	18.958	ng/ul	-0.02
49) Acenaphthylene-d8	13.810	160	881455	19.649	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.422	143	91837m	17.621	ng/ul	0.01
60) Fluorene-d10	15.134	176	678365	18.134	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.310	200	148574	20.637	ng/ul	0.00
73) Anthracene-d10	17.045	188	1109593	20.409	ng/ul	0.00
81) Pyrene-d10	19.433	212	1309455	18.639	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.316	264	1545637	18.540	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.117	88	48780	7.768	ng/uL	93
5) Pyridine	3.511	79	308515	20.696	ng/ul	95
6) Benzaldehyde	6.675	77	231831	24.736	ng/ul	93
8) Phenol	6.746	94	353346	20.703	ng/ul#	84
10) Bis(2-Chloroethyl)ether	6.952	93	282715	20.985	ng/ul	98
12) 2-Chlorophenol	7.087	128	253067	19.951	ng/ul	95
13) 2-Methylphenol	7.963	108	253612	20.036	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.011	45	338791	20.679	ng/ul	98
16) Acetophenone	8.316	105	424202	19.048	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.299	70	223317	18.403	ng/ul#	93
18) 4-Methylphenol	8.287	108	273371	20.010	ng/ul	97
19) Hexachloroethane	8.552	117	112375	18.195	ng/ul	94
22) Nitrobenzene	8.687	77	330233	18.646	ng/ul	96
23) Isophorone	9.205	82	611796	19.503	ng/ul#	98
25) 2-Nitrophenol	9.387	139	145517	20.308	ng/ul#	82
26) 2,4-Dimethylphenol	9.458	107	298380	18.805	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.675	93	365004	20.595	ng/ul	99
29) 2,4-Dichlorophenol	9.928	162	260858	18.591	ng/ul	97
30) Naphthalene	10.299	128	772428	18.930	ng/ul	99
32) 4-Chloroaniline	10.428	127	298230	19.392	ng/ul	97
33) Hexachlorobutadiene	10.569	225	196719	15.805	ng/ul	96
34) Caprolactam	11.222	113	85559	20.898	ng/ul	96
35) 4-Chloro-3-methylphenol	11.581	107	274699	18.030	ng/ul	89
36) 2-Methylnaphthalene	11.910	142	542597	17.932	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.134	142	555305	18.009	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.281	216	367142	18.364	ng/ul	98
40) Hexachlorocyclopentadiene	12.252	237	181306	18.874	ng/ul	99
41) 2,4,6-Trichlorophenol	12.552	196	237085	20.038	ng/ul	99
42) 2,4,5-Trichlorophenol	12.640	196	245672	19.434	ng/ul	97
43) 1,1'-Biphenyl	12.934	154	755005	19.449	ng/ul	98
44) 2-Chloronaphthalene	12.975	162	609820	19.421	ng/ul	96
45) 2-Nitroaniline	13.222	65	179082	19.685	ng/ul	87
47) Dimethylphthalate	13.587	163	785185	18.742	ng/ul	98
48) 2,6-Dinitrotoluene	13.716	165	161220	20.083	ng/ul	87
50) Acenaphthylene	13.840	152	909429	19.907	ng/ul	100
51) 3-Nitroaniline	14.069	138	141703	21.061	ng/ul	94
52) Acenaphthene	14.187	153	647546	19.393	ng/ul	97
53) 2,4-Dinitrophenol	14.310	184	91082	17.595	ng/ul	89
55) 4-Nitrophenol	14.434	109	113158m	16.116	ng/ul	
56) Dibenzofuran	14.534	168	935994	18.457	ng/ul	92
57) 2,4-Dinitrotoluene	14.540	165	240974	18.628	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.781	232	218552	17.415	ng/ul#	95
59) Diethylphthalate	14.975	149	758417	18.151	ng/ul	98
61) Fluorene	15.193	166	753962	18.260	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.187	204	410887	17.157	ng/ul	99
63) 4-Nitroaniline	15.263	138	135251	22.855	ng/ul#	80
66) 4,6-Dinitro-2-methylph...	15.322	198	159461	20.879	ng/ul	96
67) N-Nitrosodiphenylamine	15.416	169	641112	21.075	ng/ul	100
68) 4-Bromophenyl-phenylether	16.110	248	257119	18.284	ng/ul	97
69) Hexachlorobenzene	16.222	284	288746	16.760	ng/ul	100
70) Atrazine	16.410	200	279134	21.087	ng/ul	97
71) Pentachlorophenol	16.598	266	192894	19.182	ng/ul	95
72) Phenanthrene	16.981	178	1262714	20.503	ng/ul	99
74) Anthracene	17.081	178	1256533	20.405	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.904	216	355336	20.694	ng/uL	99
76) Pentachlorobenzene	14.446	250	354333	18.721	ng/uL	99
77) Carbazole	17.369	167	1121500	22.354	ng/ul	98
78) Di-n-butylphthalate	17.945	149	1389452	22.540	ng/ul#	98
80) Fluoranthene	19.081	202	1577366	19.595	ng/ul#	93
82) Pyrene	19.463	202	1630364	19.086	ng/ul#	93
83) Butylbenzylphthalate	20.410	149	663238	22.417	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.286	252	541810	17.560	ng/ul	98
85) Benzo(a)anthracene	21.351	228	1719975	19.075	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.280	149	986340	23.215	ng/ul	99
87) Chrysene	21.416	228	1616621	18.709	ng/ul	100
89) Di-n-octyl phthalate	22.480	149	1777211	23.366	ng/ul	100
90) Benzo(b)fluoranthene	23.539	252	1809324	18.492	ng/ul#	98
91) Benzo(k)fluoranthene	23.610	252	1780798	18.292	ng/ul#	98
93) Benzo(a)pyrene	24.392	252	1662767	18.743	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.145	276	2183715m	19.154	ng/ul	
95) Dibenzo(a,h)anthracene	28.174	278	1757771	19.266	ng/ul#	96
96) Benzo(g,h,i)perylene	29.251	276	1659613m	19.013	ng/ul	

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

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