

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
 Data File : BP023526.D
 Acq On : 19 Dec 2024 10:31
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTD020759

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 19 14:14:04 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	7.522	152	194928	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.263	136	718499	20.000	ng/u1	#-0.02
38) Acenaphthene-d10	14.134	164	561000	20.000	ng/u1	-0.01
64) Phenanthrene-d10	16.939	188	1320538	20.000	ng/u1	#-0.02
79) Chrysene-d12	21.368	240	1645990	20.000	ng/u1	#-0.02
88) Perylene-d12	24.527	264	1817170	20.000	ng/u1	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	36680	6.928	ng/uL	-0.01
4) Pyridine-d5	3.505	84	271015	19.906	ng/u1	-0.01
7) Phenol-d5	6.740	99	302877	19.803	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.875	67	200346	20.762	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.075	132	213926	18.951	ng/u1	-0.01
15) 4-Methylphenol-d8	8.240	113	236714	19.176	ng/u1	-0.02
21) Nitrobenzene-d5	8.669	128	104908	19.553	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.375	143	122042	19.737	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	9.922	165	247818	18.989	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.422	131	305595	20.902	ng/u1	-0.02
46) Dimethylphthalate-d6	13.545	166	867513	19.920	ng/u1	-0.01
49) Acenaphthylene-d8	13.822	160	916638	19.955	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.422	143	92954	17.417	ng/u1	0.01
60) Fluorene-d10	15.145	176	734564	19.176	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.316	200	152536	19.113	ng/u1	0.00
73) Anthracene-d10	17.045	188	1223920	20.308	ng/u1	0.00
81) Pyrene-d10	19.427	212	1620058	18.839	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.304	264	1835435	18.868	ng/u1	-0.04
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.122	88	41875	7.148	ng/uL	94
5) Pyridine	3.522	79	280574	20.175	ng/u1	92
6) Benzaldehyde	6.699	77	206676	23.637	ng/u1	97
8) Phenol	6.763	94	326083	20.479	ng/u1	88
10) Bis(2-Chloroethyl)ether	6.969	93	257793	20.511	ng/u1	99
12) 2-Chlorophenol	7.105	128	228518	19.310	ng/u1	99
13) 2-Methylphenol	7.981	108	232026	19.649	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.028	45	337921	22.108	ng/u1	98
16) Acetophenone	8.340	105	395023	19.013	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.316	70	218589	19.309	ng/u1	95
18) 4-Methylphenol	8.304	108	251138	19.704	ng/u1	100
19) Hexachloroethane	8.563	117	102122	17.724	ng/u1	86
22) Nitrobenzene	8.710	77	320494	19.632	ng/u1	100
23) Isophorone	9.222	82	600806	20.778	ng/u1	98
25) 2-Nitrophenol	9.410	139	131879	19.966	ng/u1#	87
26) 2,4-Dimethylphenol	9.475	107	288246	19.707	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.693	93	348309	21.320	ng/u1	99
29) 2,4-Dichlorophenol	9.951	162	247561	19.140	ng/u1	97
30) Naphthalene	10.316	128	736292	19.575	ng/u1	99
32) 4-Chloroaniline	10.446	127	297321	20.973	ng/u1	100
33) Hexachlorobutadiene	10.581	225	178753	15.580	ng/u1	96
34) Caprolactam	11.234	113	91964	24.368	ng/u1	91
35) 4-Chloro-3-methylphenol	11.593	107	310215	22.088	ng/u1	93
36) 2-Methylnaphthalene	11.928	142	591468	21.205	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.145	142	609401	21.440	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.304	216	373477	18.243	ng/ul	99
40) Hexachlorocyclopentadiene	12.269	237	184969	18.805	ng/ul	99
41) 2,4,6-Trichlorophenol	12.569	196	242080	19.982	ng/ul	100
42) 2,4,5-Trichlorophenol	12.657	196	262603	20.287	ng/ul	98
43) 1,1'-Biphenyl	12.957	154	811240	20.409	ng/ul	97
44) 2-Chloronaphthalene	12.998	162	647112	20.127	ng/ul	97
45) 2-Nitroaniline	13.234	65	210351	22.581	ng/ul	91
47) Dimethylphthalate	13.592	163	856231	19.959	ng/ul	99
48) 2,6-Dinitrotoluene	13.728	165	167731	20.405	ng/ul	94
50) Acenaphthylene	13.851	152	939038	20.073	ng/ul	100
51) 3-Nitroaniline	14.081	138	160424	23.286	ng/ul	94
52) Acenaphthene	14.192	153	651482	19.054	ng/ul	100
53) 2,4-Dinitrophenol	14.316	184	92574	17.464	ng/ul	90
55) 4-Nitrophenol	14.434	109	130032m	18.086	ng/ul	
56) Dibenzofuran	14.539	168	965160	18.587	ng/ul	95
57) 2,4-Dinitrotoluene	14.539	165	255150	19.263	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.792	232	218143	16.975	ng/ul#	97
59) Diethylphthalate	14.981	149	839136	19.613	ng/ul	100
61) Fluorene	15.204	166	794267	18.785	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.192	204	407373	16.612	ng/ul	98
63) 4-Nitroaniline	15.263	138	148092	24.440	ng/ul#	84
66) 4,6-Dinitro-2-methylph...	15.334	198	169536	20.025	ng/ul	97
67) N-Nitrosodiphenylamine	15.428	169	695153	20.614	ng/ul	99
68) 4-Bromophenyl-phenylether	16.110	248	262625	16.847	ng/ul	93
69) Hexachlorobenzene	16.228	284	305782	16.011	ng/ul	96
70) Atrazine	16.410	200	302507	20.616	ng/ul	98
71) Pentachlorophenol	16.604	266	189306	16.982	ng/ul	97
72) Phenanthrene	16.980	178	1385463	20.294	ng/ul	99
74) Anthracene	17.086	178	1399970	20.508	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.922	216	373996	19.648	ng/uL	99
76) Pentachlorobenzene	14.463	250	353362	16.842	ng/uL	99
77) Carbazole	17.369	167	1300501	23.384	ng/ul	99
78) Di-n-butylphthalate	17.945	149	1535580	22.471	ng/ul	99
80) Fluoranthene	19.080	202	1848268	18.756	ng/ul#	92
82) Pyrene	19.457	202	1992244	19.052	ng/ul#	91
83) Butylbenzylphthalate	20.410	149	783779	21.642	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.268	252	744130	19.702	ng/ul#	98
85) Benzo(a)anthracene	21.351	228	2109195	19.109	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.268	149	1140818	21.935	ng/ul	99
87) Chrysene	21.416	228	1994183	18.853	ng/ul	100
89) Di-n-octyl phthalate	22.474	149	2059947	23.211	ng/ul	100
90) Benzo(b)fluoranthene	23.527	252	2246357	19.675	ng/ul#	98
91) Benzo(k)fluoranthene	23.592	252	2130621	18.756	ng/ul#	98
93) Benzo(a)pyrene	24.386	252	2015024	19.465	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.115	276	2496261	18.765	ng/ul#	92
95) Dibenzo(a,h)anthracene	28.145	278	1974397m	18.546	ng/ul	
96) Benzo(g,h,i)perylene	29.209	276	1947859m	19.124	ng/ul	

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

