Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013125\
Data File : BP023850.D
Acq On : 01 Feb 2025 08:21
Operator : RC/JU
Sample : PB166393BS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS393

Quant Time: Feb 03 08:18:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 31 11:40:55 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	456838	20.000	ng/ul	0.02
20) Naphthalene-d8	10.557	136	1958245	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.404	164	1251373	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.192	188	2454416	20.000	ng/ul	-0.02
79) Chrysene-d12	21.639	240	2597188	20.000	ng/ul	0.00
88) Perylene-d12	25.009	264	2755139	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	77631	7.060	ng/uL	0.01
4) Pyridine-d5	3.705	84	1157318	36.477	ng/ul	0.01
7) Phenol-d5	6.969	99	1600926	39.599	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.116	67	784491	36.659	ng/ul	0.02
11) 2-Chlorophenol-d4	7.328	132	1271205	40.041	ng/ul	0.02
15) 4-Methylphenol-d8	8.493	113	1260254	38.160	ng/ul	0.02
21) Nitrobenzene-d5	8.928	128	578937	36.952	ng/ul	0.02
24) 2-Nitrophenol-d4	9.640	143	638750	37.784	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.187	165	1232583	39.744	ng/ul	0.01
31) 4-Chloroaniline-d4	10.687	131	1401292	30.213	ng/ul	0.00
46) Dimethylphthalate-d6	13.810	166	3327423	35.648	ng/ul	0.00
49) Acenaphthylene-d8	14.092	160	3918171	37.219	ng/ul	0.00
54) 4-Nitrophenol-d4	14.622	143	704731	38.018	ng/ul	0.00
60) Fluorene-d10	15.404	176	2905283	36.961	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	529076	34.941	ng/ul	-0.01
73) Anthracene-d10	17.298	188	4479735	37.173	ng/ul	-0.02
81) Pyrene-d10	19.663	212	5177418	37.204	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.786	264	5507091	38.310	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	156285	13.516	ng/uL	96
5) Pyridine	3.728	79	1145462	36.061	ng/ul	99
6) Benzaldehyde	6.934	77	225106	11.345	ng/ul	98
8) Phenol	6.998	94	1628432	39.227	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.210	93	1141821	36.132	ng/ul	99
12) 2-Chlorophenol	7.357	128	1286959	39.348	ng/ul	99
13) 2-Methylphenol	8.228	108	1183881	37.902	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.293	45	1185587	36.365	ng/ul	100
16) Acetophenone	8.593	105	1820950	36.068	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.581	70	862504	36.279	ng/ul	99
18) 4-Methylphenol	8.551	108	1322148	38.151	ng/ul	99
19) Hexachloroethane	8.851	117	461902	35.715	ng/ul	97
22) Nitrobenzene	8.969	77	1271451	37.395	ng/ul	100
23) Isophorone	9.492	82	2455044	35.762	ng/ul	99
25) 2-Nitrophenol	9.675	139	688882	37.359	ng/ul	99
26) 2,4-Dimethylphenol	9.740	107	1157190	33.907	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.969	93	1524927	35.661	ng/ul	100
29) 2,4-Dichlorophenol	10.216	162	1218882	38.756	ng/ul	98
30) Naphthalene	10.604	128	3799135	36.244	ng/ul	100
32) 4-Chloroaniline	10.710	127	931519	21.282	ng/ul	100
33) Hexachlorobutadiene	10.892	225	683341	35.891	ng/ul	99
34) Caprolactam	11.492	113	403934m	33.153	ng/ul	
35) 4-Chloro-3-methylphenol	11.851	107	1287437	38.082	ng/ul	98
36) 2-Methylnaphthalene	12.210	142	2645491	35.895	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.434	142	2645513	36.183	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.581	216	1371215	37.066	ng/ul	99
40) Hexachlorocyclopentadiene	12.569	237	526700	25.266	ng/ul	99
41) 2,4,6-Trichlorophenol	12.828	196	897339	36.313	ng/ul	99
42) 2,4,5-Trichlorophenol	12.910	196	1020651	38.320	ng/ul	99
43) 1,1'-Biphenyl	13.228	154	3406792	36.676	ng/ul	100
44) 2-Chloronaphthalene	13.269	162	2700974	37.318	ng/ul	99
45) 2-Nitroaniline	13.475	65	725840	38.532	ng/ul	97
47) Dimethylphthalate	13.857	163	3320439	35.753	ng/ul	100
48) 2,6-Dinitrotoluene	13.975	165	686276	37.812	ng/ul	96
50) Acenaphthylene	14.122	152	4239119	37.812	ng/ul	100
51) 3-Nitroaniline	14.304	138	734207	36.809	ng/ul	99
52) Acenaphthene	14.469	153	2912456	36.641	ng/ul	100
53) 2,4-Dinitrophenol	14.510	184	338932	31.324	ng/ul	99
55) 4-Nitrophenol	14.639	109	507088	38.667	ng/ul	98
56) Dibenzofuran	14.804	168	4030299	36.592	ng/ul	100
57) 2,4-Dinitrotoluene	14.763	165	1003061	37.156	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.033	232	790142	34.862	ng/ul	92
59) Diethylphthalate	15.233	149	3303277	35.501	ng/ul	100
61) Fluorene	15.463	166	3396532	37.173	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.457	204	1653932	36.567	ng/ul	98
63) 4-Nitroaniline	15.480	138	860957	44.365	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.539	198	573923	34.475	ng/ul#	96
67) N-Nitrosodiphenylamine	15.675	169	2785017	37.179	ng/ul	99
68) 4-Bromophenyl-phenylether	16.363	248	1018957	36.797	ng/ul	100
69) Hexachlorobenzene	16.480	284	1222282	36.430	ng/ul	95
70) Atrazine	16.645	200	425410	14.665	ng/ul	99
71) Pentachlorophenol	16.833	266	692105	33.536	ng/ul	99
72) Phenanthrene	17.239	178	5225836	37.702	ng/ul	100
74) Anthracene	17.327	178	5178567	37.048	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.192	216	1339180	37.260	ng/uL	99
76) Pentachlorobenzene	14.722	250	1374799	35.495	ng/uL	99
77) Carbazole	17.610	167	4872065	39.785	ng/ul	99
78) Di-n-butylphthalate	18.198	149	5667520	37.393	ng/ul	100
80) Fluoranthene	19.316	202	5962752	37.199	ng/ul	99
82) Pyrene	19.692	202	6440343	38.421	ng/ul	98
83) Butylbenzylphthalate	20.645	149	2625826	36.376	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.539	252	1892223	33.674	ng/ul	99
85) Benzo(a)anthracene	21.621	228	6357600	37.226	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.568	149	3730696	35.421	ng/ul	100
87) Chrysene	21.686	228	5748680	36.531	ng/ul	98
89) Di-n-octyl phthalate	22.862	149	6244251	37.808	ng/ul	100
90) Benzo(b)fluoranthene	23.945	252	6275423	37.538	ng/ul	99
91) Benzo(k)fluoranthene	24.021	252	6376086	38.045	ng/ul	100
93) Benzo(a)pyrene	24.862	252	5878287	37.652	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.862	276	7704887m	38.075	ng/ul	
95) Dibenzo(a,h)anthracene	28.939	278	6339139	38.616	ng/ul	99
96) Benzo(g,h,i)perylene	30.062	276	5913389m	38.150	ng/ul	

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

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