Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120123\
Data File : BP018528.D
Acq On : 02 Dec 2023 22:16
Operator : MA/JU
Sample : PB157321BS
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS321

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

Quant Time: Dec 02 22:44:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 01 21:56:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	380150	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.657	136	1523060	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.486	164	886625	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	1852926	20.000	ng/ul	0.00
79) Chrysene-d12	21.321	240	1838993	20.000	ng/ul	0.00
88) Perylene-d12	23.692	264	2131470	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	68830	6.170	ng/uL	0.00
4) Pyridine-d5	3.687	84	876318	29.327	ng/ul	0.00
7) Phenol-d5	7.028	99	1193391	31.282	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.198	67	715085	31.626	ng/ul	0.00
11) 2-Chlorophenol-d4	7.393	132	921100	30.943	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	864146	27.990	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	429786	31.705	ng/ul	0.00
24) 2-Nitrophenol-d4	9.745	143	444120	31.601	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	872223	30.351	ng/ul	0.00
31) 4-Chloroaniline-d4	10.798	131	982282	26.155	ng/ul	0.00
46) Dimethylphthalate-d6	13.904	166	2326900	29.405	ng/ul	0.00
49) Acenaphthylene-d8	14.180	160	2715783	31.167	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.686	143	436057	33.571	ng/ul	0.00
60) Fluorene-d10	15.480	176	2016953	30.365	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	349206	31.431	ng/ul	0.00
73) Anthracene-d10	17.333	188	2868075	29.443	ng/ul	0.00
81) Pyrene-d10	19.568	212	3664491	25.599	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.539	264	3915143	31.503	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	141893	11.599	ng/uL	97
5) Pyridine	3.710	79	947976	31.416	ng/ul	94
6) Benzaldehyde	6.998	77	604861	30.709	ng/ul	98
8) Phenol	7.057	94	1184057	31.649	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.293	93	970614	31.590	ng/ul	100
12) 2-Chlorophenol	7.422	128	912131	30.276	ng/ul	99
13) 2-Methylphenol	8.304	108	829978	28.978	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.387	45	1178700	30.234	ng/ul	99
16) Acetophenone	8.687	105	1372458	29.829	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.681	70	663517	26.213	ng/ul	98
18) 4-Methylphenol	8.640	108	898387	28.725	ng/ul	97
19) Hexachloroethane	8.940	117	385172	31.185	ng/ul	96
22) Nitrobenzene	9.063	77	1033006	31.343	ng/ul	99
23) Isophorone	9.592	82	1893318	28.175	ng/ul	100
25) 2-Nitrophenol	9.775	139	481028	31.967	ng/ul	99
26) 2,4-Dimethylphenol	9.840	107	488891	16.612	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.081	93	1240032	29.229	ng/ul	100
29) 2,4-Dichlorophenol	10.304	162	830588	30.006	ng/ul	99
30) Naphthalene	10.710	128	2846622	30.809	ng/ul	100
32) 4-Chloroaniline	10.822	127	932934	26.063	ng/ul	99
33) Hexachlorobutadiene	10.992	225	593986	32.041	ng/ul	99
34) Caprolactam	11.598	113	256156m	30.180	ng/ul	
35) 4-Chloro-3-methylphenol	11.945	107	848028	27.348	ng/ul	100
36) 2-Methylnaphthalene	12.316	142	1885534	28.806	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.533	142	1847681	27.952	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.681	216	1076760	33.473	ng/ul	99
40) Hexachlorocyclopentadiene	12.663	237	429063	22.503	ng/ul	99
41) 2,4,6-Trichlorophenol	12.922	196	599114	28.952	ng/ul	97
42) 2,4,5-Trichlorophenol	12.992	196	673693	30.029	ng/ul	99
43) 1,1'-Biphenyl	13.328	154	2431328	31.707	ng/ul	99
44) 2-Chloronaphthalene	13.369	162	1957554	32.323	ng/ul	98
45) 2-Nitroaniline	13.575	65	516626	31.467	ng/ul	98
47) Dimethylphthalate	13.951	163	2318008	29.758	ng/ul	99
48) 2,6-Dinitrotoluene	14.069	165	459853	31.247	ng/ul	99
50) Acenaphthylene	14.210	152	3046854	31.101	ng/ul	100
51) 3-Nitroaniline	14.398	138	461626	31.423	ng/ul	98
52) Acenaphthene	14.551	153	2015689	31.118	ng/ul	98
53) 2,4-Dinitrophenol	14.598	184	229280	29.396	ng/ul	98
55) 4-Nitrophenol	14.704	109	326950	33.316	ng/ul	97
56) Dibenzofuran	14.886	168	2776219	30.838	ng/ul	99
57) 2,4-Dinitrotoluene	14.857	165	668682	32.302	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.110	232	489805	26.028	ng/ul	99
59) Diethylphthalate	15.316	149	2248170	29.495	ng/ul	99
61) Fluorene	15.533	166	2178173	30.577	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.533	204	1137459	30.445	ng/ul	97
63) 4-Nitroaniline	15.563	138	483885	34.575	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.616	198	386224	32.515	ng/ul	93
67) N-Nitrosodiphenylamine	15.745	169	1860006	30.293	ng/ul	100
68) 4-Bromophenyl-phenylether	16.427	248	698201	29.847	ng/ul	97
69) Hexachlorobenzene	16.533	284	814349	31.180	ng/ul	98
70) Atrazine	16.698	200	143104	7.839	ng/ul	99
71) Pentachlorophenol	16.880	266	399941	25.748	ng/ul	98
72) Phenanthrene	17.274	178	3553911	31.757	ng/ul	100
74) Anthracene	17.369	178	3347605	29.843	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.286	216	1058460	33.037	ng/uL	97
76) Pentachlorobenzene	14.804	250	996544	31.665	ng/uL	100
77) Carbazole	17.639	167	3210167	35.907	ng/ul	99
78) Di-n-butylphthalate	18.198	149	3768331	31.655	ng/ul	100
80) Fluoranthene	19.245	202	4309138	25.466	ng/ul	99
82) Pyrene	19.598	202	4442018	26.022	ng/ul	98
83) Butylbenzylphthalate	20.474	149	1723107	27.573	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.239	252	1316027	29.448	ng/ul	99
85) Benzo(a)anthracene	21.304	228	4644969	31.118	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.239	149	2470935	28.767	ng/ul	99
87) Chrysene	21.357	228	4302236	31.298	ng/ul	99
89) Di-n-octyl phthalate	22.151	149	4429096	28.460	ng/ul	100
90) Benzo(b)fluoranthene	22.968	252	4808049	30.594	ng/ul	99
91) Benzo(k)fluoranthene	23.015	252	4764002	31.330	ng/ul	100
93) Benzo(a)pyrene	23.592	252	4554302	31.716	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.162	276	5745630	33.489	ng/ul	98
95) Dibenzo(a,h)anthracene	26.186	278	4820148	33.773	ng/ul	99
96) Benzo(g,h,i)perylene	26.927	276	4675339	33.861	ng/ul	99

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

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