Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120723\
Data File : BP018704.D
Acq On : 08 Dec 2023 09:50
Operator : MA/JU
Sample : PB157408BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS408

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

Quant Time: Dec 08 10:26:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	252409	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.640	136	954881	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.475	164	609632	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.222	188	1501937	20.000	ng/ul	0.00
79) Chrysene-d12	21.316	240	1700672	20.000	ng/ul	# 0.00
88) Perylene-d12	23.680	264	2101925	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	36671	4.951	ng/uL	0.00
4) Pyridine-d5	3.681	84	486898	24.541	ng/ul	0.00
7) Phenol-d5	7.017	99	584885	23.090	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	320305	21.335	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.375	132	462443	23.397	ng/ul	-0.01
15) 4-Methylphenol-d8	8.563	113	449150	21.911	ng/ul	0.00
21) Nitrobenzene-d5	9.005	128	214918	25.288	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.728	143	236738	26.868	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.263	165	468457	26.001	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.781	131	561277	23.837	ng/ul	-0.01
46) Dimethylphthalate-d6	13.893	166	1401438	25.757	ng/ul	-0.01
49) Acenaphthylene-d8	14.169	160	1558626	26.015	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.681	143	285467	31.963	ng/ul	0.00
60) Fluorene-d10	15.469	176	1223802	26.796	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.593	200	247939	27.531	ng/ul	0.00
73) Anthracene-d10	17.322	188	2038163	25.813	ng/ul	0.00
81) Pyrene-d10	19.557	212	2787607	21.057	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.527	264	3274116	26.715	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	78382	9.650	ng/uL	99
5) Pyridine	3.699	79	515234	25.716	ng/ul	98
6) Benzaldehyde	6.987	77	300896	23.008	ng/ul	98
8) Phenol	7.040	94	609711	24.545	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.275	93	467774	22.930	ng/ul	99
12) 2-Chlorophenol	7.411	128	485868	24.289	ng/ul	96
13) 2-Methylphenol	8.293	108	442938	23.291	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.369	45	541486	20.919	ng/ul	98
16) Acetophenone	8.669	105	702500	22.995	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.663	70	341421	20.315	ng/ul	99
18) 4-Methylphenol	8.622	108	476498	22.946	ng/ul	100
19) Hexachloroethane	8.922	117	209936	25.600	ng/ul	86
22) Nitrobenzene	9.046	77	543131	26.285	ng/ul	99
23) Isophorone	9.575	82	1005786	23.873	ng/ul	99
25) 2-Nitrophenol	9.758	139	266157	28.212	ng/ul	94
26) 2,4-Dimethylphenol	9.822	107	406335	22.022	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.063	93	609500	22.915	ng/ul	100
29) 2,4-Dichlorophenol	10.293	162	465745	26.837	ng/ul	97
30) Naphthalene	10.693	128	1447116	24.982	ng/ul	99
32) 4-Chloroaniline	10.805	127	495653	22.086	ng/ul	99
33) Hexachlorobutadiene	10.975	225	349958	30.110	ng/ul	99
34) Caprolactam	11.587	113	164442m	30.902	ng/ul	
35) 4-Chloro-3-methylphenol	11.934	107	512610	26.367	ng/ul	97
36) 2-Methylnaphthalene	12.299	142	1011892	24.658	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.522	142	996340	24.041	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.669	216	639987	28.935	ng/ul	98
40) Hexachlorocyclopentadiene	12.646	237	296048	22.582	ng/ul	100
41) 2,4,6-Trichlorophenol	12.910	196	411114	28.894	ng/ul	99
42) 2,4,5-Trichlorophenol	12.981	196	456078	29.566	ng/ul	100
43) 1,1'-Biphenyl	13.316	154	1374997	26.079	ng/ul	98
44) 2-Chloronaphthalene	13.351	162	1118109	26.850	ng/ul	99
45) 2-Nitroaniline	13.563	65	328613	29.109	ng/ul	98
47) Dimethylphthalate	13.940	163	1447305	27.023	ng/ul	99
48) 2,6-Dinitrotoluene	14.063	165	310502	30.685	ng/ul	95
50) Acenaphthylene	14.198	152	1815238	26.948	ng/ul	100
51) 3-Nitroaniline	14.387	138	308970	30.588	ng/ul	97
52) Acenaphthene	14.540	153	1191227	26.746	ng/ul	98
53) 2,4-Dinitrophenol	14.593	184	172182	32.106	ng/ul	94
55) 4-Nitrophenol	14.698	109	257582	38.174	ng/ul	86
56) Dibenzofuran	14.875	168	1696495	27.406	ng/ul	99
57) 2,4-Dinitrotoluene	14.846	165	467487	32.843	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.098	232	404117	31.232	ng/ul	96
59) Diethylphthalate	15.304	149	1440453	27.484	ng/ul	99
61) Fluorene	15.528	166	1384916	28.274	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.522	204	739002	28.767	ng/ul	96
63) 4-Nitroaniline	15.551	138	351086	36.484	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.604	198	277669	28.839	ng/ul	96
67) N-Nitrosodiphenylamine	15.734	169	1204042	24.192	ng/ul	98
68) 4-Bromophenyl-phenylether	16.416	248	513625	27.088	ng/ul	96
69) Hexachlorobenzene	16.522	284	628863	29.705	ng/ul	98
70) Atrazine	16.692	200	335619	22.682	ng/ul	99
71) Pentachlorophenol	16.869	266	403085	32.015	ng/ul	99
72) Phenanthrene	17.269	178	2495867	27.515	ng/ul	99
74) Anthracene	17.357	178	2455150	27.002	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.275	216	657480	25.317	ng/uL	99
76) Pentachlorobenzene	14.793	250	679504	26.637	ng/uL	99
77) Carbazole	17.634	167	2308004	31.849	ng/ul	99
78) Di-n-butylphthalate	18.187	149	2634880	27.306	ng/ul	99
80) Fluoranthene	19.234	202	3341197	21.352	ng/ul#	94
82) Pyrene	19.586	202	3441795	21.802	ng/ul#	93
83) Butylbenzylphthalate	20.463	149	1344218	23.259	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.233	252	1192449	28.853	ng/ul	100
85) Benzo(a)anthracene	21.298	228	3792178	27.471	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.228	149	1908822	24.031	ng/ul#	99
87) Chrysene	21.351	228	3481570	27.388	ng/ul	99
89) Di-n-octyl phthalate	22.139	149	3508060	22.859	ng/ul	100
90) Benzo(b)fluoranthene	22.963	252	4204237	27.128	ng/ul	98
91) Benzo(k)fluoranthene	23.010	252	3919840	26.141	ng/ul#	98
93) Benzo(a)pyrene	23.580	252	3895920	27.512	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.151	276	5830423	34.461	ng/ul	97
95) Dibenzo(a,h)anthracene	26.168	278	4839170	34.383	ng/ul	98
96) Benzo(g,h,i)perylene	26.910	276	4751804	34.899	ng/ul	96

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

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