Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
Data File : BP018768.D
Acq On : 12 Dec 2023 15:11
Operator : MA/JU
Sample : PB157623BS
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS623

Quant Time: Dec 12 21:37:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 11 22:02:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	179920	20.000	ng/ul	0.00
20) Naphthalene-d8	10.634	136	668936	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.469	164	431679	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.216	188	1035918	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.304	240	1154274	20.000	ng/ul	# 0.00
88) Perylene-d12	23.669	264	1325944	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	24700	4.678	ng/uL	0.00
4) Pyridine-d5	3.681	84	327873	23.184	ng/ul	0.00
7) Phenol-d5	7.011	99	396998	21.988	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	232981	21.771	ng/ul	0.00
11) 2-Chlorophenol-d4	7.369	132	315506	22.394	ng/ul	0.00
15) 4-Methylphenol-d8	8.552	113	309539	21.184	ng/ul	0.00
21) Nitrobenzene-d5	8.999	128	149132	25.048	ng/ul	0.00
24) 2-Nitrophenol-d4	9.722	143	162100	26.261	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	332861	26.372	ng/ul	0.00
31) 4-Chloroaniline-d4	10.775	131	388918	23.578	ng/ul	0.00
46) Dimethylphthalate-d6	13.887	166	978468	25.396	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	1066366	25.136	ng/ul	0.00
54) 4-Nitrophenol-d4	14.675	143	175994	27.829	ng/ul	0.00
60) Fluorene-d10	15.463	176	838906	25.940	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.587	200	165732	26.682	ng/ul	0.00
73) Anthracene-d10	17.316	188	1328832	24.400	ng/ul	0.00
81) Pyrene-d10	19.551	212	1778217	19.791	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.516	264	2026535	26.212	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	51169	8.838	ng/uL	98
5) Pyridine	3.699	79	333140	23.327	ng/ul	96
6) Benzaldehyde	6.981	77	204975	21.988	ng/ul	100
8) Phenol	7.040	94	400135	22.598	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.269	93	323795	22.267	ng/ul	98
12) 2-Chlorophenol	7.405	128	328883	23.065	ng/ul	97
13) 2-Methylphenol	8.287	108	294762	21.744	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.369	45	390317	21.154	ng/ul	99
16) Acetophenone	8.663	105	485228	22.282	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.658	70	232765	19.430	ng/ul	99
18) 4-Methylphenol	8.616	108	320967	21.684	ng/ul	99
19) Hexachloroethane	8.916	117	142735	24.418	ng/ul	85
22) Nitrobenzene	9.046	77	375986	25.974	ng/ul	99
23) Isophorone	9.569	82	680672	23.063	ng/ul	99
25) 2-Nitrophenol	9.752	139	177584	26.870	ng/ul#	94
26) 2,4-Dimethylphenol	9.816	107	265610	20.549	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.057	93	420821	22.585	ng/ul	99
29) 2,4-Dichlorophenol	10.281	162	325020	26.734	ng/ul	98
30) Naphthalene	10.687	128	989661	24.388	ng/ul	99
32) 4-Chloroaniline	10.799	127	324321	20.629	ng/ul	100
33) Hexachlorobutadiene	10.969	225	257793	31.662	ng/ul	99
34) Caprolactam	11.581	113	98780	26.498	ng/ul	95
35) 4-Chloro-3-methylphenol	11.928	107	338479	24.853	ng/ul	98
36) 2-Methylnaphthalene	12.293	142	696619	24.231	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.516	142	685876	23.624	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.663	216	455883	29.108	ng/ul	98
40) Hexachlorocyclopentadiene	12.640	237	215113	23.172	ng/ul	99
41) 2,4,6-Trichlorophenol	12.904	196	277116	27.505	ng/ul	98
42) 2,4,5-Trichlorophenol	12.975	196	305531	27.972	ng/ul	97
43) 1,1'-Biphenyl	13.304	154	939073	25.153	ng/ul	98
44) 2-Chloronaphthalene	13.346	162	759960	25.773	ng/ul	99
45) 2-Nitroaniline	13.557	65	212827	26.624	ng/ul	98
47) Dimethylphthalate	13.934	163	997127	26.292	ng/ul	99
48) 2,6-Dinitrotoluene	14.051	165	202006	28.193	ng/ul	99
50) Acenaphthylene	14.193	152	1199648	25.151	ng/ul	99
51) 3-Nitroaniline	14.381	138	193887	27.107	ng/ul	100
52) Acenaphthene	14.534	153	803325	25.472	ng/ul	99
53) 2,4-Dinitrophenol	14.587	184	107542	28.319	ng/ul	90
55) 4-Nitrophenol	14.687	109	167658	35.090	ng/ul	81
56) Dibenzofuran	14.869	168	1154421	26.337	ng/ul	98
57) 2,4-Dinitrotoluene	14.840	165	299819	29.747	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.093	232	271190	29.599	ng/ul	96
59) Diethylphthalate	15.298	149	993993	26.784	ng/ul	100
61) Fluorene	15.516	166	932046	26.873	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.516	204	517534	28.451	ng/ul	95
63) 4-Nitroaniline	15.545	138	208902	30.658	ng/ul#	86
66) 4,6-Dinitro-2-methylph...	15.598	198	183909	27.694	ng/ul	95
67) N-Nitrosodiphenylamine	15.728	169	813160	23.689	ng/ul	99
68) 4-Bromophenyl-phenylether	16.410	248	352873	26.982	ng/ul	97
69) Hexachlorobenzene	16.516	284	430659	29.494	ng/ul	97
70) Atrazine	16.687	200	222156	21.768	ng/ul	99
71) Pentachlorophenol	16.863	266	250895	28.891	ng/ul	100
72) Phenanthrene	17.263	178	1599348	25.563	ng/ul	100
74) Anthracene	17.351	178	1562376	24.913	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.269	216	462359	25.813	ng/uL	98
76) Pentachlorobenzene	14.787	250	478237	27.181	ng/uL	99
77) Carbazole	17.628	167	1469524	29.401	ng/ul	99
78) Di-n-butylphthalate	18.181	149	1751489	26.317	ng/ul	100
80) Fluoranthene	19.228	202	2097630	19.750	ng/ul#	93
82) Pyrene	19.581	202	2158462	20.145	ng/ul#	91
83) Butylbenzylphthalate	20.463	149	842744	21.485	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.227	252	758512	27.041	ng/ul	98
85) Benzo(a)anthracene	21.292	228	2399321	25.609	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.222	149	1252943	23.240	ng/ul#	99
87) Chrysene	21.345	228	2203652	25.541	ng/ul	100
89) Di-n-octyl phthalate	22.133	149	2203726	22.763	ng/ul	100
90) Benzo(b)fluoranthene	22.951	252	2566397	26.251	ng/ul#	97
91) Benzo(k)fluoranthene	22.998	252	2466523	26.075	ng/ul#	97
93) Benzo(a)pyrene	23.569	252	2368667	26.516	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.127	276	3015576	28.254	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.151	278	2508059	28.249	ng/ul#	96
96) Benzo(g,h,i)perylene	26.886	276	2428145	28.269	ng/ul#	93

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

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