Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122823\
Data File : BP019159.D
Acq On : 29 Dec 2023 11:15
Operator : MA/JU
Sample : PB158080BS
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS080

Quant Time: Dec 29 11:48:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 03:48:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	169883	20.000	ng/ul	0.00
20) Naphthalene-d8	10.599	136	620607	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	368623	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.204	188	832912	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	917508	20.000	ng/ul	0.00
88) Perylene-d12	23.674	264	1103547	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	33289	6.692	ng/uL	0.00
4) Pyridine-d5	3.652	84	413273	33.102	ng/ul	0.00
7) Phenol-d5	6.981	99	473206	31.061	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	288006	32.678	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	386501	31.469	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	358384	30.216	ng/ul	0.00
21) Nitrobenzene-d5	8.969	128	175708	32.752	ng/ul	0.00
24) 2-Nitrophenol-d4	9.687	143	192447	33.192	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	380998	32.542	ng/ul	0.00
31) 4-Chloroaniline-d4	10.746	131	454199	31.540	ng/ul	0.00
46) Dimethylphthalate-d6	13.863	166	1019260	31.304	ng/ul	0.00
49) Acenaphthylene-d8	14.140	160	1166908	33.030	ng/ul	0.00
54) 4-Nitrophenol-d4	14.663	143	181554	33.021	ng/ul	0.00
60) Fluorene-d10	15.445	176	891326	31.687	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	179518	32.877	ng/ul	0.00
73) Anthracene-d10	17.304	188	1389738	31.950	ng/ul	0.00
81) Pyrene-d10	19.545	212	1810604	32.380	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.521	264	2118507	33.398	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	66301	12.123	ng/uL	99
5) Pyridine	3.669	79	426648	33.666	ng/ul	97
6) Benzaldehyde	6.946	77	257134	36.351	ng/ul	96
8) Phenol	7.005	94	485949	32.294	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.234	93	404247	33.202	ng/ul	97
12) 2-Chlorophenol	7.363	128	400209	31.837	ng/ul	98
13) 2-Methylphenol	8.257	108	352492	31.666	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.334	45	478919	33.345	ng/ul	99
16) Acetophenone	8.634	105	568514	32.004	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.622	70	267816	30.234	ng/ul	97
18) 4-Methylphenol	8.587	108	377260	31.486	ng/ul	98
19) Hexachloroethane	8.875	117	173892	32.980	ng/ul	97
22) Nitrobenzene	9.010	77	427641	32.628	ng/ul	98
23) Isophorone	9.540	82	755477	31.965	ng/ul	98
25) 2-Nitrophenol	9.716	139	209303	33.810	ng/ul	98
26) 2,4-Dimethylphenol	9.787	107	339552	31.156	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.022	93	503423	32.227	ng/ul	98
29) 2,4-Dichlorophenol	10.251	162	372766	32.581	ng/ul	100
30) Naphthalene	10.651	128	1189634	31.793	ng/ul	99
32) 4-Chloroaniline	10.769	127	417177	30.190	ng/ul	98
33) Hexachlorobutadiene	10.928	225	295862	33.602	ng/ul	98
34) Caprolactam	11.557	113	99054	32.777	ng/ul	99
35) 4-Chloro-3-methylphenol	11.898	107	353755	31.498	ng/ul	98
36) 2-Methylnaphthalene	12.263	142	794319	31.486	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.481	142	778564	30.604	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.634	216	500549	32.970	ng/ul	99
40)	Hexachlorocyclopentadiene	12.610	237	273891	32.502	ng/ul	98
41)	2,4,6-Trichlorophenol	12.881	196	301669	33.296	ng/ul	100
42)	2,4,5-Trichlorophenol	12.951	196	321743	33.453	ng/ul	99
43)	1,1'-Biphenyl	13.281	154	1035915	32.215	ng/ul	99
44)	2-Chloronaphthalene	13.322	162	831673	32.233	ng/ul	98
45)	2-Nitroaniline	13.534	65	210764	34.026	ng/ul	95
47)	Dimethylphthalate	13.916	163	1032269	32.118	ng/ul	100
48)	2,6-Dinitrotoluene	14.034	165	204643	34.650	ng/ul	96
50)	Acenaphthylene	14.169	152	1311750	33.001	ng/ul	100
51)	3-Nitroaniline	14.363	138	192338	33.312	ng/ul	99
52)	Acenaphthene	14.510	153	861830	31.991	ng/ul	99
53)	2,4-Dinitrophenol	14.575	184	114890	30.195	ng/ul	95
55)	4-Nitrophenol	14.681	109	144813	32.957	ng/ul	92
56)	Dibenzofuran	14.845	168	1221058	31.739	ng/ul	98
57)	2,4-Dinitrotoluene	14.822	165	302203	34.793	ng/ul	99
58)	2,3,4,6-Tetrachlorophenol	15.075	232	283271	33.711	ng/ul	99
59)	Diethylphthalate	15.281	149	1020247	32.740	ng/ul	100
61)	Fluorene	15.498	166	991840	32.210	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.498	204	543707	32.332	ng/ul	98
63)	4-Nitroaniline	15.528	138	203404	35.015	ng/ul	100
66)	4,6-Dinitro-2-methylph...	15.586	198	196136	33.926	ng/ul	99
67)	N-Nitrosodiphenylamine	15.716	169	843413	33.179	ng/ul	99
68)	4-Bromophenyl-phenylether	16.392	248	349170	33.728	ng/ul	98
69)	Hexachlorobenzene	16.504	284	418943	33.114	ng/ul	97
70)	Atrazine	16.675	200	319485	44.534	ng/ul	99
71)	Pentachlorophenol	16.851	266	259243	34.901	ng/ul	98
72)	Phenanthrene	17.245	178	1635316	32.398	ng/ul	99
74)	Anthracene	17.339	178	1651534	32.866	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.240	216	481993	33.282	ng/uL	98
76)	Pentachlorobenzene	14.763	250	469812	32.647	ng/uL	98
77)	Carbazole	17.616	167	1486054	35.552	ng/ul	100
78)	Di-n-butylphthalate	18.169	149	1803374	34.787	ng/ul	100
80)	Fluoranthene	19.222	202	2119180	33.027	ng/ul	100
82)	Pyrene	19.575	202	2199080	32.712	ng/ul	100
83)	Butylbenzylphthalate	20.457	149	859355	35.786	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.233	252	795939	34.678	ng/ul	99
85)	Benzo(a)anthracene	21.292	228	2429194	33.510	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.221	149	1288103	36.428	ng/ul	100
87)	Chrysene	21.345	228	2279341	33.719	ng/ul	99
89)	Di-n-octyl phthalate	22.133	149	2295646	36.377	ng/ul	100
90)	Benzo(b)fluoranthene	22.951	252	2571688	33.177	ng/ul	99
91)	Benzo(k)fluoranthene	23.004	252	2582968	33.912	ng/ul	100
93)	Benzo(a)pyrene	23.568	252	2462678	33.755	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	26.133	276	3179253	33.994	ng/ul	98
95)	Dibenzo(a,h)anthracene	26.151	278	2653157	34.101	ng/ul	99
96)	Benzo(g,h,i)perylene	26.886	276	2560586	34.165	ng/ul	98

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

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