Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081924\
Data File : BG062464.D
Acq On : 19 Aug 2024 15:09
Operator : MA/JU
Sample : PB162773BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS773

Quant Time: Aug 19 16:48:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 15:31:21 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	56030	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.739	136	291699	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.569	164	243249	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.307	188	592633	20.000	ng/ul	-0.01
79) Chrysene-d12	21.548	240	570711	20.000	ng/ul	-0.02
88) Perylene-d12	24.638	264	634722	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.408	96	9203	6.236	ng/uL	-0.01
4) Pyridine-d5	3.813	84	119123	26.490	ng/ul	-0.01
7) Phenol-d5	7.103	99	146100	26.211	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.273	67	85208	24.268	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.479	132	101088	26.549	ng/ul	-0.01
15) 4-Methylphenol-d8	8.642	113	126251	27.022	ng/ul	-0.02
21) Nitrobenzene-d5	9.100	128	54263	29.007	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.817	143	60827	32.687	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.357	165	132796	28.018	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.868	131	162683	21.643	ng/ul	-0.01
46) Dimethylphthalate-d6	13.976	166	481059	25.424	ng/ul	-0.01
49) Acenaphthylene-d8	14.258	160	521949	24.914	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.757	143	90357	29.935	ng/ul	0.00
60) Fluorene-d10	15.556	176	441607	25.877	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.674	200	84060	31.218	ng/ul	-0.01
73) Anthracene-d10	17.407	188	707121	24.838	ng/ul	-0.01
81) Pyrene-d10	19.692	212	884445	26.462	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.426	264	853965	25.352	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.443	88	15472	9.822	ng/uL	92
5) Pyridine	3.831	79	125921	26.613	ng/ul	89
6) Benzaldehyde	7.079	77	61145	21.161	ng/ul	99
8) Phenol	7.132	94	149232	25.515	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.367	93	106627	24.638	ng/ul	99
12) 2-Chlorophenol	7.508	128	106955	27.157	ng/ul	99
13) 2-Methylphenol	8.378	108	116637	26.501	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.472	45	226588	25.365	ng/ul	99
16) Acetophenone	8.759	105	193609	25.297	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.748	70	106786	26.440	ng/ul	98
18) 4-Methylphenol	8.707	108	132018	26.188	ng/ul	95
19) Hexachloroethane	9.024	117	41703	26.612	ng/ul	99
22) Nitrobenzene	9.141	77	144410	27.330	ng/ul	97
23) Isophorone	9.664	82	310587	24.889	ng/ul	98
25) 2-Nitrophenol	9.852	139	66883	32.171	ng/ul	98
26) 2,4-Dimethylphenol	9.911	107	119429	21.065	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.146	93	170681	24.590	ng/ul	97
29) 2,4-Dichlorophenol	10.381	162	130332	26.777	ng/ul	99
30) Naphthalene	10.786	128	406933	24.053	ng/ul	99
32) 4-Chloroaniline	10.892	127	145101	19.857	ng/ul	99
33) Hexachlorobutadiene	11.080	225	85050	22.987	ng/ul	99
34) Caprolactam	11.644	113	52941m	26.968	ng/ul	
35) 4-Chloro-3-methylphenol	12.014	107	159361	27.981	ng/ul	98
36) 2-Methylnaphthalene	12.396	142	299644	25.080	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.613	142	306076	25.109	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.760	216	187500	23.083	ng/ul	99
40) Hexachlorocyclopentadiene	12.742	237	85910	20.633	ng/ul	97
41) 2,4,6-Trichlorophenol	13.001	196	109675	23.472	ng/ul	97
42) 2,4,5-Trichlorophenol	13.071	196	128084	26.108	ng/ul	98
43) 1,1'-Biphenyl	13.400	154	440738	23.916	ng/ul	98
44) 2-Chloronaphthalene	13.441	162	345135	24.203	ng/ul	99
45) 2-Nitroaniline	13.641	65	118735	32.147	ng/ul	95
47) Dimethylphthalate	14.023	163	484397	25.251	ng/ul	100
48) 2,6-Dinitrotoluene	14.134	165	89931	32.825	ng/ul	92
50) Acenaphthylene	14.287	152	579772	25.847	ng/ul	98
51) 3-Nitroaniline	14.463	138	91862	29.428	ng/ul	99
52) Acenaphthene	14.628	153	403157	24.016	ng/ul	98
53) 2,4-Dinitrophenol	14.669	184	53378	30.887	ng/ul	97
55) 4-Nitrophenol	14.775	109	74947	28.927	ng/ul	95
56) Dibenzofuran	14.963	168	579857	24.555	ng/ul	98
57) 2,4-Dinitrotoluene	14.922	165	138249	33.149	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.186	232	111643	23.669	ng/ul	97
59) Diethylphthalate	15.392	149	499462	26.090	ng/ul	98
61) Fluorene	15.615	166	466559	25.067	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.609	204	236614	24.739	ng/ul	100
63) 4-Nitroaniline	15.627	138	103279	31.653	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.685	198	91086	30.022	ng/ul#	97
67) N-Nitrosodiphenylamine	15.820	169	425603	24.773	ng/ul	97
68) 4-Bromophenyl-phenylether	16.502	248	169796	25.530	ng/ul	97
69) Hexachlorobenzene	16.613	284	195144	25.184	ng/ul	98
70) Atrazine	16.766	200	10037	1.401	ng/ul	97
71) Pentachlorophenol	16.954	266	95295	21.074	ng/ul	99
72) Phenanthrene	17.348	178	838617	25.183	ng/ul	100
74) Anthracene	17.442	178	837167	24.541	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.365	216	195292	23.052	ng/ul	96
76) Pentachlorobenzene	14.886	250	202585	22.796	ng/ul	97
77) Carbazole	17.706	167	725472	25.318	ng/ul	99
78) Di-n-butylphthalate	18.276	149	900765	26.277	ng/ul	99
80) Fluoranthene	19.357	202	1023271	27.405	ng/ul	99
82) Pyrene	19.721	202	1069021	26.563	ng/ul	99
83) Butylbenzylphthalate	20.614	149	386286	28.495	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.448	252	329663	26.466	ng/ul	99
85) Benzo(a)anthracene	21.530	228	1081411	26.106	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.454	149	557385	28.142	ng/ul	99
87) Chrysene	21.595	228	1006838	25.638	ng/ul	97
89) Di-n-octyl phthalate	22.623	149	959026	28.331	ng/ul	100
90) Benzo(b)fluoranthene	23.663	252	1001997	26.132	ng/ul	98
91) Benzo(k)fluoranthene	23.727	252	997485	25.773	ng/ul	99
93) Benzo(a)pyrene	24.497	252	895025	24.760	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.116	276	1202866	26.181	ng/ul	99
95) Dibenzo(a,h)anthracene	28.174	278	996117	26.749	ng/ul	99
96) Benzo(g,h,i)perylene	29.208	276	946839	26.797	ng/ul	97

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

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