Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081924\
Data File : BG062468.D
Acq On : 19 Aug 2024 17:53
Operator : MA/JU
Sample : P3504-25MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCYF2MS

Quant Time: Aug 19 18:50:06 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	7.941	152	47789	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.737	136	232468	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.561	164	199137	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.305	188	451090	20.000	ng/ul	-0.01
79) Chrysene-d12	21.546	240	423234	20.000	ng/ul	-0.02
88) Perylene-d12	24.630	264	472949	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	5923	4.706	ng/uL	-0.01
4) Pyridine-d5	3.811	84	37611	9.806	ng/ul	-0.01
7) Phenol-d5	7.107	99	147845	31.098	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.271	67	83164	27.771	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.477	132	105873	32.601	ng/ul	-0.01
15) 4-Methylphenol-d8	8.646	113	108678	27.272	ng/ul	-0.01
21) Nitrobenzene-d5	9.098	128	54209	36.362	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.815	143	61349	41.368	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.355	165	135129	35.774	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.866	131	104511	17.447	ng/ul	-0.01
46) Dimethylphthalate-d6	13.974	166	434723	28.065	ng/ul	-0.01
49) Acenaphthylene-d8	14.256	160	488504	28.483	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.755	143	75173	30.421	ng/ul	0.00
60) Fluorene-d10	15.554	176	406559	29.101	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.672	200	72255	35.254	ng/ul	-0.01
73) Anthracene-d10	17.405	188	572523	26.420	ng/ul	-0.01
81) Pyrene-d10	19.684	212	746991	30.137	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.419	264	736305	29.336	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.441	88	18898	14.065	ng/uL#	89
5) Pyridine	3.835	79	135630	33.608	ng/ul	98
6) Benzaldehyde	7.083	77	98112	39.810	ng/ul	96
8) Phenol	7.130	94	193230	38.735	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.365	93	130067	35.237	ng/ul	100
12) 2-Chlorophenol	7.512	128	131709	39.209	ng/ul	98
13) 2-Methylphenol	8.381	108	132980	35.425	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.464	45	263449	34.578	ng/ul	97
16) Acetophenone	8.757	105	224290	34.359	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.752	70	123367	35.813	ng/ul	97
18) 4-Methylphenol	8.705	108	156975	36.508	ng/ul	100
19) Hexachloroethane	9.028	117	49124	36.753	ng/ul	93
22) Nitrobenzene	9.139	77	171789	40.795	ng/ul	98
23) Isophorone	9.662	82	354562	35.652	ng/ul	98
25) 2-Nitrophenol	9.850	139	79586	48.035	ng/ul	93
26) 2,4-Dimethylphenol	9.909	107	75374	16.682	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.144	93	198646	35.910	ng/ul	99
29) 2,4-Dichlorophenol	10.385	162	159862	41.213	ng/ul	96
30) Naphthalene	10.790	128	474878	35.222	ng/ul	99
32) 4-Chloroaniline	10.890	127	127412	21.878	ng/ul	100
33) Hexachlorobutadiene	11.078	225	104833	35.554	ng/ul	98
34) Caprolactam	11.654	113	57788m	36.937	ng/ul	
35) 4-Chloro-3-methylphenol	12.012	107	187567	41.325	ng/ul	100
36) 2-Methylnaphthalene	12.394	142	360469	37.859	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.611	142	360882	37.148	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.758	216	226099	34.000	ng/ul	97
40) Hexachlorocyclopentadiene	12.746	237	112261	32.935	ng/ul	99
41) 2,4,6-Trichlorophenol	12.999	196	148670	38.865	ng/ul	95
42) 2,4,5-Trichlorophenol	13.069	196	166482	41.453	ng/ul	96
43) 1,1'-Biphenyl	13.398	154	515336	34.158	ng/ul	99
44) 2-Chloronaphthalene	13.445	162	404272	34.630	ng/ul	99
45) 2-Nitroaniline	13.639	65	136098	45.010	ng/ul	98
47) Dimethylphthalate	14.021	163	531962	33.874	ng/ul	100
48) 2,6-Dinitrotoluene	14.138	165	102604	45.746	ng/ul	91
50) Acenaphthylene	14.285	152	641719	34.947	ng/ul	99
51) 3-Nitroaniline	14.461	138	87430	34.212	ng/ul#	97
52) Acenaphthene	14.626	153	465762	33.892	ng/ul	99
53) 2,4-Dinitrophenol	14.667	184	61801	43.683	ng/ul	92
55) 4-Nitrophenol	14.773	109	81022	38.199	ng/ul	99
56) Dibenzofuran	14.961	168	661383	34.212	ng/ul	98
57) 2,4-Dinitrotoluene	14.920	165	150380	44.045	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.190	232	155757	40.337	ng/ul	99
59) Diethylphthalate	15.390	149	534700	34.117	ng/ul	99
61) Fluorene	15.613	166	520040	34.129	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.607	204	264188	33.740	ng/ul	98
63) 4-Nitroaniline	15.625	138	95196	35.639	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.683	198	95856	41.508	ng/ul	98
67) N-Nitrosodiphenylamine	15.818	169	463673	35.458	ng/ul	98
68) 4-Bromophenyl-phenylether	16.500	248	185009	36.545	ng/ul	97
69) Hexachlorobenzene	16.612	284	210018	35.608	ng/ul	100
70) Atrazine	16.764	200	146634	26.893	ng/ul	99
71) Pentachlorophenol	16.952	266	138346	40.195	ng/ul	97
72) Phenanthrene	17.346	178	867002	34.205	ng/ul	100
74) Anthracene	17.440	178	824135	31.740	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.363	216	226301	35.094	ng/ul	99
76) Pentachlorobenzene	14.884	250	229496	33.928	ng/ul	97
77) Carbazole	17.704	167	749814	34.378	ng/ul	99
78) Di-n-butylphthalate	18.274	149	921221	35.307	ng/ul	99
80) Fluoranthene	19.355	202	1022146	36.913	ng/ul	99
82) Pyrene	19.713	202	1071867	35.914	ng/ul	99
83) Butylbenzylphthalate	20.612	149	403013	40.088	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.452	252	28414m	3.076	ng/ul	
85) Benzo(a)anthracene	21.528	228	1066206	34.708	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.452	149	581229	39.571	ng/ul	100
87) Chrysene	21.593	228	1015421	34.866	ng/ul	97
89) Di-n-octyl phthalate	22.621	149	1014615	40.225	ng/ul	100
90) Benzo(b)fluoranthene	23.655	252	1049381	36.729	ng/ul	98
91) Benzo(k)fluoranthene	23.720	252	1021173	35.410	ng/ul	99
93) Benzo(a)pyrene	24.489	252	917396	34.060	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.114	276	1255170	36.664	ng/ul	99
95) Dibenzo(a,h)anthracene	28.178	278	1032838	37.221	ng/ul	98
96) Benzo(g,h,i)perylene	29.200	276	971194	36.888	ng/ul	96

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

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