Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062824\
Data File : BG061802.D
Acq On : 29 Jun 2024 11:55
Operator : MA/JU
Sample : PB161592BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS592

Quant Time: Jul 01 00:52:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	78259	20.000	ng/ul	0.00
20) Naphthalene-d8	10.867	136	373704	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.686	164	244017	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.430	188	548749	20.000	ng/ul	0.00
79) Chrysene-d12	21.690	240	437238	20.000	ng/ul	0.00
88) Perylene-d12	24.903	264	510251	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	12984	5.993	ng/uL	0.00
4) Pyridine-d5	3.869	84	175489	26.793	ng/ul	0.00
7) Phenol-d5	7.207	99	258316	30.405	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.377	67	152312	28.759	ng/ul	0.00
11) 2-Chlorophenol-d4	7.583	132	176222	30.227	ng/ul	0.00
15) 4-Methylphenol-d8	8.758	113	191089	29.095	ng/ul	0.00
21) Nitrobenzene-d5	9.222	128	91822	36.187	ng/ul	0.00
24) 2-Nitrophenol-d4	9.945	143	105034	40.870	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.485	165	195115	32.064	ng/ul	0.00
31) 4-Chloroaniline-d4	10.996	131	252351	27.390	ng/ul	0.00
46) Dimethylphthalate-d6	14.093	166	587150	31.268	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	667885	32.455	ng/ul	0.00
54) 4-Nitrophenol-d4	14.874	143	99538	30.865	ng/ul	0.01
60) Fluorene-d10	15.679	176	521166	31.703	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.791	200	86451	36.843	ng/ul	0.00
73) Anthracene-d10	17.530	188	793972	31.698	ng/ul	0.00
81) Pyrene-d10	19.809	212	862447	35.313	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.686	264	808373	33.171	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.487	88	24962	9.272	ng/uL#	74
5) Pyridine	3.893	79	181309	25.750	ng/ul	93
6) Benzaldehyde	7.189	77	143570m	34.341	ng/ul	
8) Phenol	7.230	94	257498	28.802	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.471	93	189614	28.178	ng/ul	97
12) 2-Chlorophenol	7.618	128	182872	31.265	ng/ul	98
13) 2-Methylphenol	8.493	108	178713	28.571	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.581	45	396668	28.854	ng/ul	96
16) Acetophenone	8.881	105	297406	27.500	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.863	70	157114	27.045	ng/ul#	89
18) 4-Methylphenol	8.822	108	197111	28.128	ng/ul	95
19) Hexachloroethane	9.140	117	73767	31.454	ng/ul#	91
22) Nitrobenzene	9.263	77	247555	33.866	ng/ul	96
23) Isophorone	9.786	82	469303	27.917	ng/ul	98
25) 2-Nitrophenol	9.974	139	102802	38.254	ng/ul#	81
26) 2,4-Dimethylphenol	10.027	107	179210	23.844	ng/ul	90
27) Bis(2-Chloroethoxy)met...	10.268	93	276435	29.068	ng/ul	95
29) 2,4-Dichlorophenol	10.509	162	179414	32.180	ng/ul	96
30) Naphthalene	10.920	128	599702	28.680	ng/ul	95
32) 4-Chloroaniline	11.026	127	225689	24.700	ng/ul	96
33) Hexachlorobutadiene	11.196	225	128408	33.342	ng/ul	93
34) Caprolactam	11.789	113	62945m	27.303	ng/ul	
35) 4-Chloro-3-methylphenol	12.136	107	232585	29.832	ng/ul	93
36) 2-Methylnaphthalene	12.518	142	428131	29.017	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.735	142	431265	27.394	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	12.882	216	235805	34.145	ng/ul	97
40) Hexachlorocyclopentadiene	12.853	237	74121	18.039	ng/ul	96
41) 2,4,6-Trichlorophenol	13.117	196	149850	33.632	ng/ul	90
42) 2,4,5-Trichlorophenol	13.188	196	165059	33.987	ng/ul	89
43) 1,1'-Biphenyl	13.523	154	575230	32.543	ng/ul	99
44) 2-Chloronaphthalene	13.564	162	438667	32.308	ng/ul	98
45) 2-Nitroaniline	13.769	65	186193	40.058	ng/ul	95
47) Dimethylphthalate	14.140	163	553567	29.687	ng/ul	99
48) 2,6-Dinitrotoluene	14.257	165	122066	39.449	ng/ul#	93
50) Acenaphthylene	14.410	152	693134	30.173	ng/ul	99
51) 3-Nitroaniline	14.592	138	123224	38.887	ng/ul#	94
52) Acenaphthene	14.751	153	482482	30.328	ng/ul	96
53) 2,4-Dinitrophenol	14.792	184	48678	30.957	ng/ul#	87
55) 4-Nitrophenol	14.892	109	104374	31.340	ng/ul	97
56) Dibenzofuran	15.086	168	685645	30.798	ng/ul	95
57) 2,4-Dinitrotoluene	15.044	165	174596	38.013	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.303	232	137751	28.927	ng/ul	94
59) Diethylphthalate	15.497	149	577539	30.072	ng/ul	96
61) Fluorene	15.732	166	562521	30.532	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.726	204	283477	30.994	ng/ul	96
63) 4-Nitroaniline	15.749	138	130766	38.953	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.802	198	92423	34.774	ng/ul#	99
67) N-Nitrosodiphenylamine	15.938	169	474244	33.420	ng/ul	98
68) 4-Bromophenyl-phenylether	16.619	248	193575	34.260	ng/ul	96
69) Hexachlorobenzene	16.731	284	230674	33.642	ng/ul	94
70) Atrazine	16.883	200	98267	17.337	ng/ul	94
71) Pentachlorophenol	17.071	266	109894	26.311	ng/ul	95
72) Phenanthrene	17.471	178	900830	31.204	ng/ul	98
74) Anthracene	17.565	178	901668	30.542	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.487	216	231095	37.799	ng/ul	97
76) Pentachlorobenzene	14.997	250	260419	35.470	ng/ul	94
77) Carbazole	17.829	167	797656	31.821	ng/ul	97
78) Di-n-butylphthalate	18.388	149	1001127	33.393	ng/ul	98
80) Fluoranthene	19.480	202	994555	35.096	ng/ul	97
82) Pyrene	19.839	202	1039394	34.495	ng/ul	96
83) Butylbenzylphthalate	20.726	149	430527	39.243	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.590	252	326038	35.266	ng/ul	95
85) Benzo(a)anthracene	21.672	228	977449	31.847	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.584	149	603341	37.413	ng/ul	95
87) Chrysene	21.737	228	929833	32.017	ng/ul	98
89) Di-n-octyl phthalate	22.800	149	1030187	38.279	ng/ul	100
90) Benzo(b)fluoranthene	23.887	252	1019571	33.240	ng/ul	97
91) Benzo(k)fluoranthene	23.958	252	979508	31.051	ng/ul	99
93) Benzo(a)pyrene	24.757	252	877132	29.704	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.576	276	1242014	33.753	ng/ul	99
95) Dibenzo(a,h)anthracene	28.646	278	1018799	33.296	ng/ul	98
96) Benzo(g,h,i)perylene	29.715	276	957998	32.297	ng/ul	98

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

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