Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091423\
Data File : BG059063.D
Acq On : 14 Sep 2023 13:48
Operator : MA/JU
Sample : SSTD04016
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD040417

Quant Time: Sep 14 15:08:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 14 15:06:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.300	152	84386	20.000	ng/ul	0.00
20) Naphthalene-d8	11.144	136	425014	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.928	164	321700	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.683	188	856405	20.000	ng/ul	0.00
79) Chrysene-d12	22.008	240	796724	20.000	ng/ul	0.00
88) Perylene-d12	25.562	264	912982	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.606	96	21503	11.013	ng/uL	0.00
4) Pyridine-d5	4.040	84	186042	29.692	ng/ul	0.00
7) Phenol-d5	7.413	99	364089	42.835	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.619	67	198498	39.736	ng/ul	0.00
11) 2-Chlorophenol-d4	7.813	132	250951	45.662	ng/ul	0.00
15) 4-Methylphenol-d8	8.988	113	286778	42.858	ng/ul	0.00
21) Nitrobenzene-d5	9.493	128	142366	45.259	ng/ul	0.00
24) 2-Nitrophenol-d4	10.216	143	163654	45.383	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.739	165	307006	41.474	ng/ul	0.00
31) 4-Chloroaniline-d4	11.291	131	415218	41.550	ng/ul	0.00
46) Dimethylphthalate-d6	14.328	166	1086785	42.651	ng/ul	0.00
49) Acenaphthylene-d8	14.634	160	1178711	41.739	ng/ul	0.00
54) 4-Nitrophenol-d4	15.104	143	194825	44.821	ng/ul	0.00
60) Fluorene-d10	15.921	176	969658	42.428	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.026	200	211751	47.114	ng/ul	0.00
73) Anthracene-d10	17.783	188	1574983	40.780	ng/ul	0.00
81) Pyrene-d10	20.057	212	1804540	41.644	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.316	264	1866089	41.190	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.647	88	26519	10.492	ng/uL#	71
5) Pyridine	4.064	79	190171	28.619	ng/ul	94
6) Benzaldehyde	7.442	77	212094	40.216	ng/ul	94
8) Phenol	7.442	94	385378	42.264	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.713	93	270645	41.139	ng/ul	94
12) 2-Chlorophenol	7.848	128	254031	45.191	ng/ul	92
13) 2-Methylphenol	8.717	108	303951	43.819	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.811	45	314805	39.468	ng/ul	97
16) Acetophenone	9.140	105	488538	43.995	ng/ul#	96
17) N-Nitroso-di-n-propyla...	9.111	70	265059	42.394	ng/ul#	98
18) 4-Methylphenol	9.052	108	326988	43.104	ng/ul	90
19) Hexachloroethane	9.387	117	102042	42.594	ng/ul	94
22) Nitrobenzene	9.540	77	385586	40.963	ng/ul	95
23) Isophorone	10.051	82	817764	40.704	ng/ul	97
25) 2-Nitrophenol	10.251	139	159838	44.828	ng/ul	90
26) 2,4-Dimethylphenol	10.268	107	378757	43.010	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.533	93	406412	38.578	ng/ul	95
29) 2,4-Dichlorophenol	10.768	162	292039	41.789	ng/ul	97
30) Naphthalene	11.197	128	899842	39.733	ng/ul	96
32) 4-Chloroaniline	11.314	127	394822	41.942	ng/ul	97
33) Hexachlorobutadiene	11.426	225	234364	43.344	ng/ul	94
35) 4-Chloro-3-methylphenol	12.384	107	383321	44.296	ng/ul#	90
36) 2-Methylnaphthalene	12.777	142	685880	40.040	ng/ul	96
37) 1-Methylnaphthalene	12.995	142	692941	40.990	ng/ul	94

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	13.118	216	438297	41.596 ng/ul#	95
40) Hexachlorocyclopentadiene	13.071	237	313883	38.969 ng/ul	94
41) 2,4,6-Trichlorophenol	13.359	196	283777	42.193 ng/ul	96
42) 2,4,5-Trichlorophenol	13.429	196	317349	43.149 ng/ul	95
43) 1,1'-Biphenyl	13.770	154	978811	40.306 ng/ul	97
44) 2-Chloronaphthalene	13.823	162	757803	41.119 ng/ul	99
45) 2-Nitroaniline	14.035	65	269907	46.032 ng/ul	95
47) Dimethylphthalate	14.375	163	1020007	42.063 ng/ul	99
48) 2,6-Dinitrotoluene	14.516	165	224016	48.388 ng/ul	88
50) Acenaphthylene	14.663	152	1265963	41.294 ng/ul	96
51) 3-Nitroaniline	14.857	138	201220	44.036 ng/ul	95
52) Acenaphthene	14.998	153	856268	41.551 ng/ul	99
53) 2,4-Dinitrophenol	15.045	184	139475	45.294 ng/ul	93
55) 4-Nitrophenol	15.122	109	234568	45.647 ng/ul	87
56) Dibenzofuran	15.327	168	1262209	42.027 ng/ul	100
57) 2,4-Dinitrotoluene	15.292	165	324576	49.282 ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.533	232	325322	44.957 ng/ul#	98
59) Diethylphthalate	15.721	149	1052061	43.604 ng/ul	100
61) Fluorene	15.979	166	1053352	42.683 ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.962	204	565851	42.777 ng/ul	98
63) 4-Nitroaniline	16.021	138	187572	43.242 ng/ul#	87
66) 4,6-Dinitro-2-methylph...	16.044	198	230710	47.511 ng/ul	98
67) N-Nitrosodiphenylamine	16.179	169	887984	39.291 ng/ul	98
68) 4-Bromophenyl-phenylether	16.855	248	400507	41.692 ng/ul	90
69) Hexachlorobenzene	16.949	284	442282	40.741 ng/ul	98
70) Atrazine	17.113	200	398055	43.820 ng/ul	95
71) Pentachlorophenol	17.301	266	290615	42.584 ng/ul	98
72) Phenanthrene	17.724	178	1755338	39.894 ng/ul	98
74) Anthracene	17.818	178	1784101	39.745 ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.729	216	468598	38.349 ng/uL#	87
76) Pentachlorobenzene	15.222	250	487685	40.984 ng/uL	92
77) Carbazole	18.095	167	1534510	41.054 ng/ul	96
78) Di-n-butylphthalate	18.600	149	1758840	41.760 ng/ul	99
80) Fluoranthene	19.716	202	2089255	41.398 ng/ul	98
82) Pyrene	20.086	202	2103939	40.196 ng/ul	99
83) Butylbenzylphthalate	20.944	149	749703	44.668 ng/ul	94
84) 3,3'-Dichlorobenzidine	21.896	252	774555	42.745 ng/ul#	96
85) Benzo(a)anthracene	21.984	228	2225800	41.111 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.820	149	1091133	43.529 ng/ul	100
87) Chrysene	22.061	228	2051610	40.607 ng/ul	97
89) Di-n-octyl phthalate	23.148	149	1858075	42.992 ng/ul	100
90) Benzo(b)fluoranthene	24.411	252	2188320	39.942 ng/ul	96
91) Benzo(k)fluoranthene	24.487	252	2243097	40.312 ng/ul	98
93) Benzo(a)pyrene	25.398	252	2084414	40.519 ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.675	276	2130656	32.898 ng/ul#	95
95) Dibenzo(a,h)anthracene	29.769	278	2108060	39.439 ng/ul	97
96) Benzo(g,h,i)perylene	30.991	276	2077155	40.500 ng/ul	98

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

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