Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092521\
Data File : BG050265.D
Acq On : 25 Sep 2021 15:56
Operator : CG/JU
Sample : SSTD01036
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD010434

Manual Integrations APPROVED
mohammad
9/28/2021 1:39:00 PM

Quant Time: Sep 27 02:04:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 27 01:56:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.296	152	34186	20.000	ng/ul	0.00
20) Naphthalene-d8	11.122	136	134722	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.912	164	96960	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.655	188	225625	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.962	240	198175	20.000	ng/ul	0.00
88) Perylene-d12	25.405	264	202932	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.666	96	2913	4.394	ng/uL	0.01
4) Pyridine-d5	4.101	84	19237	9.634	ng/ul	0.00
7) Phenol-d5	7.426	99	24776	8.535	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.608	67	15455	9.583	ng/ul	0.00
11) 2-Chlorophenol-d4	7.820	132	19402	8.932	ng/ul	0.00
15) 4-Methylphenol-d8	8.983	113	20243	8.854	ng/ul	0.00
21) Nitrobenzene-d5	9.465	128	7541	7.220	ng/ul	0.00
24) 2-Nitrophenol-d4	10.188	143	8265	6.646	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.728	165	20726	9.343	ng/ul	0.00
31) 4-Chloroaniline-d4	11.245	131	27510	9.111	ng/ul	0.00
46) Dimethylphthalate-d6	14.306	166	63874	8.608	ng/ul	0.00
49) Acenaphthylene-d8	14.606	160	81164	9.329	ng/ul	0.00
54) 4-Nitrophenol-d4	15.070	143	8908	8.297	ng/ul	0.00
60) Fluorene-d10	15.899	176	59214	9.412	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.999	200	7121	4.906	ng/ul	0.00
73) Anthracene-d10	17.755	188	96538m	9.528	ng/ul	0.00
81) Pyrene-d10	20.023	212	106592	9.953	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.170	264	99132	9.208	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.701	88	4151m	5.136	ng/uL	
5) Pyridine	4.124	79	21517	9.970	ng/ul	94
6) Benzaldehyde	7.426	77	18849	11.283	ng/ul	94
8) Phenol	7.456	94	27193	9.274	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.702	93	19864	9.814	ng/ul	99
12) 2-Chlorophenol	7.855	128	20589	9.592	ng/ul#	91
13) 2-Methylphenol	8.719	108	20051	8.864	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.819	45	26729	12.593	ng/ul#	90
16) Acetophenone	9.124	105	33083	8.873	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.101	70	18301	9.775	ng/ul#	92
18) 4-Methylphenol	9.048	108	20472	8.412	ng/ul#	70
19) Hexachloroethane	9.389	117	8853	9.425	ng/ul	91
22) Nitrobenzene	9.506	77	21579	7.625	ng/ul	95
23) Isophorone	10.041	82	49121	9.741	ng/ul#	92
25) 2-Nitrophenol	10.223	139	8604	7.116	ng/ul#	78
26) 2,4-Dimethylphenol	10.264	107	26085	9.707	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.511	93	27520	10.569	ng/ul	95
29) 2,4-Dichlorophenol	10.758	162	20129	9.887	ng/ul	93
30) Naphthalene	11.169	128	68100	10.113	ng/ul	96
32) 4-Chloroaniline	11.269	127	28594	9.834	ng/ul#	86
33) Hexachlorobutadiene	11.451	225	16952	10.292	ng/ul	95
34) Caprolactam	12.062	113	5755m	8.069	ng/ul	
35) 4-Chloro-3-methylphenol	12.362	107	20956	8.612	ng/ul#	94
36) 2-Methylnaphthalene	12.755	142	47269	9.443	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.973	142	46839	9.270	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.114	216	30880	10.843	ng/ul	96
40) Hexachlorocyclopentadiene	13.096	237	18806	14.755	ng/ul	86
41) 2,4,6-Trichlorophenol	13.349	196	17239	9.499	ng/ul	91
42) 2,4,5-Trichlorophenol	13.413	196	19045	10.013	ng/ul	97
43) 1,1'-Biphenyl	13.748	154	65907	9.729	ng/ul#	97
44) 2-Chloronaphthalene	13.795	162	52920	9.726	ng/ul	96
45) 2-Nitroaniline	13.989	65	10210	5.527	ng/ul	88
47) Dimethylphthalate	14.353	163	66026	8.991	ng/ul	98
48) 2,6-Dinitrotoluene	14.471	165	9241	6.095	ng/ul#	83
50) Acenaphthylene	14.635	152	84057	10.571	ng/ul	99
51) 3-Nitroaniline	14.806	138	10328	7.059	ng/ul#	90
52) Acenaphthene	14.970	153	53312	9.242	ng/ul	96
53) 2,4-Dinitrophenol	15.006	184	4635	5.985	ng/ul#	72
55) 4-Nitrophenol	15.082	109	8982	6.599	ng/ul#	69
56) Dibenzofuran	15.305	168	83804	10.491	ng/ul	90
57) 2,4-Dinitrotoluene	15.252	165	12925	5.926	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.523	232	16320	10.354	ng/ul#	85
59) Diethylphthalate	15.711	149	66969	8.914	ng/ul#	94
61) Fluorene	15.952	166	64010	9.498	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.940	204	35505	9.957	ng/ul	89
63) 4-Nitroaniline	15.957	138	11538	7.903	ng/ul#	66
66) 4,6-Dinitro-2-methylph...	16.010	198	6895	5.241	ng/ul#	93
67) N-Nitrosodiphenylamine	16.151	169	57757	9.723	ng/ul	99
68) 4-Bromophenyl-phenylether	16.839	248	23855	9.558	ng/ul	93
69) Hexachlorobenzene	16.950	284	26139	9.069	ng/ul#	92
70) Atrazine	17.091	200	24802	9.398	ng/ul	94
71) Pentachlorophenol	17.297	266	14355m	11.762	ng/ul	
72) Phenanthrene	17.697	178	112676	10.017	ng/ul	97
74) Anthracene	17.785	178	114955	10.085	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.719	216	32105	10.606	ng/uL#	85
76) Pentachlorobenzene	15.217	250	30841	9.615	ng/uL	98
77) Carbazole	18.049	167	99716	9.831	ng/ul	96
78) Di-n-butylphthalate	18.596	149	112734	8.691	ng/ul	99
80) Fluoranthene	19.694	202	137709	10.421	ng/ul#	94
82) Pyrene	20.053	202	137437	10.495	ng/ul#	94
83) Butylbenzylphthalate	20.934	149	42497	8.224	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.845	252	43347	9.227	ng/ul	95
85) Benzo(a)anthracene	21.939	228	116635	9.445	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.833	149	58925	8.303	ng/ul	96
87) Chrysene	22.009	228	114560	9.814	ng/ul	99
89) Di-n-octyl phthalate	23.131	149	97133	8.069	ng/ul	100
90) Benzo(b)fluoranthene	24.307	252	114615	8.830	ng/ul#	96
91) Benzo(k)fluoranthene	24.377	252	108848	8.822	ng/ul#	97
93) Benzo(a)pyrene	25.241	252	108287	9.606	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	29.371	276	128634m	8.650	ng/ul	
95) Dibenzo(a,h)anthracene	29.436	278	110332m	8.863	ng/ul	
96) Benzo(g,h,i)perylene	30.599	276	106566	8.524	ng/ul	97

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

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