Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100421\
Data File : BG050437.D
Acq On : 5 Oct 2021 8:04
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020528

Manual Integrations APPROVED
mohammad
10/5/2021 12:07:16 PM

Quant Time: Oct 05 08:47:43 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 30 16:27:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	56922	20.00	ng/ul	0.00
20) Naphthalene-d8	11.096	136	243848	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.886	164	157475	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.629	188	332535	20.00	ng/ul	0.00
79) Chrysene-d12	21.930	240	289493	20.00	ng/ul	-0.02
88) Perylene-d12	25.350	264	289411	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.634	96	11910m	7.69	ng/uL	0.00
4) Pyridine-d5	4.057	84	95303	20.64	ng/ul	-0.01
7) Phenol-d5	7.400	99	108844	21.89	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.582	67	69233	22.12	ng/ul	0.00
11) 2-Chlorophenol-d4	7.794	132	78804	22.61	ng/ul	0.00
15) 4-Methylphenol-d8	8.957	113	83824	22.27	ng/ul	0.00
21) Nitrobenzene-d5	9.439	128	38963	22.84	ng/ul	0.00
24) 2-Nitrophenol-d4	10.162	143	42265	23.09	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.702	165	78057	21.59	ng/ul	0.00
31) 4-Chloroaniline-d4	11.219	131	105849	20.50	ng/ul	0.00
46) Dimethylphthalate-d6	14.280	166	223106	20.70	ng/ul	-0.01
49) Acenaphthylene-d8	14.580	160	289223	21.37	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.050	143	42421	20.44	ng/ul	0.00
60) Fluorene-d10	15.873	176	198271	20.42	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.978	200	31712	19.12	ng/ul	0.00
73) Anthracene-d10	17.729	188	295561	21.04	ng/ul	0.00
81) Pyrene-d10	19.997	212	332433	21.60	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.115	264	307421	21.12	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.675	88	14563	7.77	ng/uL	94
5) Pyridine	4.081	79	100061	21.40	ng/ul	96
6) Benzaldehyde	7.400	77	83213	25.37	ng/ul	93
8) Phenol	7.430	94	113770	22.32	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.676	93	84546	22.11	ng/ul	97
12) 2-Chlorophenol	7.823	128	79369	22.26	ng/ul	100
13) 2-Methylphenol	8.693	108	82086	21.85	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.787	45	136620	23.82	ng/ul	98
16) Acetophenone	9.092	105	130880	21.88	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.069	70	78938	21.96	ng/ul#	94
18) 4-Methylphenol	9.022	108	88124	22.15	ng/ul	97
19) Hexachloroethane	9.363	117	33047	21.57	ng/ul	99
22) Nitrobenzene	9.480	77	116315	22.75	ng/ul	96
23) Isophorone	10.003	82	214294	21.81	ng/ul	98
25) 2-Nitrophenol	10.197	139	43912	23.34	ng/ul	97
26) 2,4-Dimethylphenol	10.238	107	99198	21.24	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.479	93	114520	21.59	ng/ul	98
29) 2,4-Dichlorophenol	10.726	162	76015	21.24	ng/ul	88
30) Naphthalene	11.143	128	261732	20.91	ng/ul	99
32) 4-Chloroaniline	11.243	127	107958	20.76	ng/ul	94
33) Hexachlorobutadiene	11.419	225	52432	20.16	ng/ul	93
34) Caprolactam	12.001	113	27685	20.02	ng/ul	98
35) 4-Chloro-3-methylphenol	12.336	107	91250	21.62	ng/ul	97
36) 2-Methylnaphthalene	12.729	142	173759	20.41	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.947	142	175991	20.54	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.088	216	96238	21.18	ng/ul	98
40) Hexachlorocyclopentadiene	13.064	237	46377	15.39	ng/ul	95
41) 2,4,6-Trichlorophenol	13.317	196	64061	22.36	ng/ul	99
42) 2,4,5-Trichlorophenol	13.387	196	69927	22.32	ng/ul	97
43) 1,1'-Biphenyl	13.722	154	231430	21.84	ng/ul	100
44) 2-Chloronaphthalene	13.769	162	180486	21.74	ng/ul	98
45) 2-Nitroaniline	13.963	65	69030	25.40	ng/ul	95
47) Dimethylphthalate	14.327	163	223301	20.59	ng/ul	99
48) 2,6-Dinitrotoluene	14.451	165	47043	23.06	ng/ul	97
50) Acenaphthylene	14.609	152	295059	21.49	ng/ul	99
51) 3-Nitroaniline	14.780	138	51675	23.29	ng/ul	91
52) Acenaphthene	14.950	153	192919	21.26	ng/ul	98
53) 2,4-Dinitrophenol	14.986	184	20277	15.95	ng/ul	86
55) 4-Nitrophenol	15.068	109	42538	20.72	ng/ul	95
56) Dibenzofuran	15.279	168	275360	20.87	ng/ul	93
57) 2,4-Dinitrotoluene	15.232	165	65115	21.98	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.497	232	54459	20.21	ng/ul	91
59) Diethylphthalate	15.679	149	233034	20.60	ng/ul	97
61) Fluorene	15.931	166	212388	20.23	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.914	204	113434	19.95	ng/ul	94
63) 4-Nitroaniline	15.937	138	49781	22.22	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.990	198	31005	18.91	ng/ul	96
67) N-Nitrosodiphenylamine	16.125	169	188232	22.39	ng/ul	98
68) 4-Bromophenyl-phenylether	16.807	248	66841	21.59	ng/ul	91
69) Hexachlorobenzene	16.930	284	68028	20.87	ng/ul	98
70) Atrazine	17.065	200	75969	21.22	ng/ul	95
71) Pentachlorophenol	17.265	266	41807	19.58	ng/ul	98
72) Phenanthrene	17.671	178	351380	21.17	ng/ul	99
74) Anthracene	17.765	178	352954	21.47	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.693	216	101962	23.26	ng/uL	93
76) Pentachlorobenzene	15.197	250	91272	22.79	ng/uL	98
77) Carbazole	18.023	167	319437	21.71	ng/ul	99
78) Di-n-butylphthalate	18.570	149	390989	22.42	ng/ul	99
80) Fluoranthene	19.668	202	428746	22.18	ng/ul	99
82) Pyrene	20.033	202	414834	21.76	ng/ul	99
83) Butylbenzylphthalate	20.902	149	168069	23.92	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.813	252	137078	22.97	ng/ul	96
85) Benzo(a)anthracene	21.907	228	374287	21.45	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.789	149	245838	24.35	ng/ul	97
87) Chrysene	21.977	228	358404	21.43	ng/ul	99
89) Di-n-octyl phthalate	23.076	149	416424	25.04	ng/ul	100
90) Benzo(b)fluoranthene	24.257	252	372507	21.13	ng/ul	99
91) Benzo(k)fluoranthene	24.328	252	350657	21.38	ng/ul	99
93) Benzo(a)pyrene	25.191	252	354724	21.09	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.281	276	400351m	21.20	ng/ul	
95) Dibenzo(a,h)anthracene	29.351	278	338768	21.08	ng/ul	99
96) Benzo(g,h,i)perylene	30.503	276	323611	20.33	ng/ul	97

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

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