Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100421\
Data File : BG050415.D
Acq On : 4 Oct 2021 15:28
Operator : CG/JU
Sample : M3878-16MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW2N4MSD

Quant Time: Oct 04 16:18:32 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	8.273	152	51934	20.00	ng/ul	0.00
20) Naphthalene-d8	11.099	136	217783	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.889	164	137346	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.633	188	287881	20.00	ng/ul	# 0.00
79) Chrysene-d12	21.939	240	267430	20.00	ng/ul	0.00
88) Perylene-d12	25.365	264	268245	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.643	96	7272	5.14	ng/uL	0.00
4) Pyridine-d5	4.066	84	19286	4.58	ng/ul	0.00
7) Phenol-d5	7.403	99	39790	8.77	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.586	67	105290	36.87	ng/ul	0.00
11) 2-Chlorophenol-d4	7.797	132	89976	28.30	ng/ul	0.00
15) 4-Methylphenol-d8	8.960	113	67323	19.60	ng/ul	0.00
21) Nitrobenzene-d5	9.442	128	59678	39.17	ng/ul	0.00
24) 2-Nitrophenol-d4	10.171	143	61210	37.43	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.705	165	106562	33.00	ng/ul	0.00
31) 4-Chloroaniline-d4	11.223	131	114013	24.72	ng/ul	0.00
46) Dimethylphthalate-d6	14.284	166	354431	37.71	ng/ul	0.00
49) Acenaphthylene-d8	14.589	160	427305	36.20	ng/ul	0.00
54) 4-Nitrophenol-d4	15.053	143	16931	9.35	ng/ul	0.00
60) Fluorene-d10	15.876	176	308397	36.42	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.988	200	54644	38.06	ng/ul	0.00
73) Anthracene-d10	17.733	188	476423	39.17	ng/ul	0.00
81) Pyrene-d10	20.006	212	567376	39.90	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.130	264	503837	37.35	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.678	88	9700	5.67	ng/uL	89
5) Pyridine	4.090	79	22036	5.16	ng/ul	95
6) Benzaldehyde	7.403	77	127312	42.54	ng/ul	97
8) Phenol	7.433	94	47396	10.19	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.680	93	129851	37.22	ng/ul	94
12) 2-Chlorophenol	7.827	128	96832	29.77	ng/ul	92
13) 2-Methylphenol	8.696	108	80761	23.56	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.796	45	210832	40.28	ng/ul	99
16) Acetophenone	9.096	105	202358	37.08	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.072	70	123776	37.74	ng/ul	96
18) 4-Methylphenol	9.031	108	74100	20.41	ng/ul	95
19) Hexachloroethane	9.366	117	48364	34.60	ng/ul	98
22) Nitrobenzene	9.489	77	180192	39.46	ng/ul	96
23) Isophorone	10.006	82	320110	36.48	ng/ul	99
25) 2-Nitrophenol	10.200	139	66917	39.82	ng/ul	95
26) 2,4-Dimethylphenol	10.241	107	112757	27.03	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.482	93	175171	36.97	ng/ul	99
29) 2,4-Dichlorophenol	10.735	162	106196	33.22	ng/ul	95
30) Naphthalene	11.152	128	390887	34.96	ng/ul	99
32) 4-Chloroaniline	11.246	127	117533	25.31	ng/ul	100
33) Hexachlorobutadiene	11.422	225	76363	32.87	ng/ul	99
34) Caprolactam	12.010	113	7025	5.69	ng/ul	96
35) 4-Chloro-3-methylphenol	12.339	107	121859	32.33	ng/ul	97
36) 2-Methylnaphthalene	12.733	142	278055	36.58	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.950	142	263715	34.46	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.091	216	150150	37.88	ng/ul	97
40) Hexachlorocyclopentadiene	13.073	237	56600	21.53	ng/ul	95
41) 2,4,6-Trichlorophenol	13.326	196	98784	39.54	ng/ul	97
42) 2,4,5-Trichlorophenol	13.396	196	103197	37.76	ng/ul	98
43) 1,1'-Biphenyl	13.725	154	348536	37.71	ng/ul	100
44) 2-Chloronaphthalene	13.778	162	272701	37.66	ng/ul	98
45) 2-Nitroaniline	13.972	65	111928	47.21	ng/ul	93
47) Dimethylphthalate	14.331	163	360201	38.09	ng/ul	100
48) 2,6-Dinitrotoluene	14.460	165	76110	42.78	ng/ul	92
50) Acenaphthylene	14.619	152	409377	34.19	ng/ul	97
51) 3-Nitroaniline	14.789	138	76810	39.69	ng/ul	95
52) Acenaphthene	14.953	153	304302	38.45	ng/ul	98
53) 2,4-Dinitrophenol	14.989	184	39321	35.46	ng/ul#	87
55) 4-Nitrophenol	15.071	109	18187	10.16	ng/ul	92
56) Dibenzofuran	15.288	168	427043	37.10	ng/ul	95
57) 2,4-Dinitrotoluene	15.241	165	109202	42.27	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.506	232	90816	38.64	ng/ul	95
59) Diethylphthalate	15.688	149	381253	38.63	ng/ul	99
61) Fluorene	15.935	166	338648	36.98	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.917	204	179018	36.10	ng/ul	95
63) 4-Nitroaniline	15.946	138	81852	41.88	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.999	198	56330	39.69	ng/ul	98
67) N-Nitrosodiphenylamine	16.134	169	304462	41.83	ng/ul	98
68) 4-Bromophenyl-phenylether	16.816	248	112524	41.98	ng/ul	99
69) Hexachlorobenzene	16.933	284	113388	40.18	ng/ul	98
70) Atrazine	17.069	200	99323	32.05	ng/ul	97
71) Pentachlorophenol	17.274	266	71963	38.93	ng/ul	98
72) Phenanthrene	17.680	178	580388	40.39	ng/ul	100
74) Anthracene	17.768	178	570844	40.11	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.696	216	158548	41.77	ng/uL	96
76) Pentachlorobenzene	15.206	250	138095	39.83	ng/uL	99
77) Carbazole	18.032	167	538480	42.27	ng/ul	99
78) Di-n-butylphthalate	18.573	149	643434	42.63	ng/ul	99
80) Fluoranthene	19.671	202	714228	40.00	ng/ul	98
82) Pyrene	20.036	202	701602	39.84	ng/ul	97
83) Butylbenzylphthalate	20.905	149	287276	44.26	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.822	252	198923	36.09	ng/ul	98
85) Benzo(a)anthracene	21.922	228	655471	40.66	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.798	149	426281	45.70	ng/ul	98
87) Chrysene	21.992	228	626971	40.58	ng/ul	100
89) Di-n-octyl phthalate	23.085	149	720602	46.75	ng/ul	100
90) Benzo(b)fluoranthene	24.272	252	659082	40.34	ng/ul	99
91) Benzo(k)fluoranthene	24.348	252	640015	42.10	ng/ul	98
93) Benzo(a)pyrene	25.206	252	576673	36.99	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.313	276	725372	41.44	ng/ul	97
95) Dibenzo(a,h)anthracene	29.378	278	594364	39.90	ng/ul	98
96) Benzo(g,h,i)perylene	30.541	276	593480	40.22	ng/ul	98

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

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