Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050926.D
Acq On : 10 Nov 2021 2:33
Operator : CG/JU
Sample : M4532-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GB858MS

Quant Time: Nov 10 07:43:10 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 02 14:49:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	36695	20.000	ng/ul	0.00
20) Naphthalene-d8	11.055	136	162784	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.851	164	109436	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.595	188	241577	20.000	ng/ul	-0.01
79) Chrysene-d12	21.896	240	203936	20.000	ng/ul	-0.01
88) Perylene-d12	25.292	264	204898	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.588	96	5732	5.042	ng/uL	0.00
4) Pyridine-d5	4.023	84	11875	3.491	ng/ul	0.00
7) Phenol-d5	7.372	99	29722	7.592	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.542	67	80583	31.866	ng/ul	0.00
11) 2-Chlorophenol-d4	7.753	132	69626	25.664	ng/ul	-0.01
15) 4-Methylphenol-d8	8.929	113	52539	17.048	ng/ul	0.00
21) Nitrobenzene-d5	9.399	128	45330	32.768	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.127	143	48983	31.845	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.668	165	78254	30.202	ng/ul	0.00
31) 4-Chloroaniline-d4	11.185	131	83361	21.245	ng/ul	0.00
46) Dimethylphthalate-d6	14.246	166	308290	36.822	ng/ul	0.00
49) Acenaphthylene-d8	14.551	160	358319	34.351	ng/ul	0.00
54) 4-Nitrophenol-d4	15.039	143	13305	8.764	ng/ul	0.00
60) Fluorene-d10	15.838	176	267829	36.111	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.956	200	53178	36.308	ng/ul	0.00
73) Anthracene-d10	17.695	188	431537	37.783	ng/ul	-0.01
81) Pyrene-d10	19.974	212	499605	37.930	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.057	264	422774	37.324	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.623	88	84749	67.867	ng/uL	95
5) Pyridine	4.040	79	11682	3.318	ng/ul	97
6) Benzaldehyde	7.360	77	84688	34.299	ng/ul	98
8) Phenol	7.401	94	30649	7.568	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.636	93	87099	28.735	ng/ul	99
12) 2-Chlorophenol	7.789	128	63826	23.171	ng/ul	95
13) 2-Methylphenol	8.658	108	54129	18.084	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.752	45	132419	27.735	ng/ul	98
16) Acetophenone	9.052	105	130430	27.244	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.028	70	79641	27.571	ng/ul	99
18) 4-Methylphenol	8.987	108	51077	16.027	ng/ul	98
19) Hexachloroethane	9.316	117	32473	28.196	ng/ul	96
22) Nitrobenzene	9.446	77	115362	29.901	ng/ul	98
23) Isophorone	9.963	82	217418	29.036	ng/ul	99
25) 2-Nitrophenol	10.157	139	44928	29.114	ng/ul	98
26) 2,4-Dimethylphenol	10.204	107	84019	24.739	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.439	93	118416	29.351	ng/ul	98
29) 2,4-Dichlorophenol	10.691	162	69878	27.649	ng/ul	98
30) Naphthalene	11.102	128	264394	29.702	ng/ul	98
32) 4-Chloroaniline	11.208	127	76430	19.617	ng/ul	99
33) Hexachlorobutadiene	11.379	225	47958	28.911	ng/ul	98
34) Caprolactam	11.978	113	4932	4.597	ng/ul	96
35) 4-Chloro-3-methylphenol	12.307	107	84666	26.224	ng/ul	100
36) 2-Methylnaphthalene	12.695	142	180019	29.686	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.912	142	182772	29.745	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.053	216	97352	30.530	ng/ul	96
40) Hexachlorocyclopentadiene	13.030	237	35208	22.993	ng/ul	97
41) 2,4,6-Trichlorophenol	13.288	196	64105	30.723	ng/ul	93
42) 2,4,5-Trichlorophenol	13.365	196	68542	30.598	ng/ul	100
43) 1,1'-Biphenyl	13.688	154	243680	30.464	ng/ul	99
44) 2-Chloronaphthalene	13.735	162	191326	30.522	ng/ul	99
45) 2-Nitroaniline	13.934	65	81777	32.836	ng/ul	96
47) Dimethylphthalate	14.293	163	274658	32.808	ng/ul	98
48) 2,6-Dinitrotoluene	14.422	165	58713	33.509	ng/ul	99
50) Acenaphthylene	14.581	152	321911	30.792	ng/ul	99
51) 3-Nitroaniline	14.757	138	55501	30.626	ng/ul	87
52) Acenaphthene	14.916	153	213868	31.111	ng/ul	94
53) 2,4-Dinitrophenol	14.969	184	27255	28.197	ng/ul	90
55) 4-Nitrophenol	15.051	109	11794	8.471	ng/ul	98
56) Dibenzofuran	15.251	168	312537	31.763	ng/ul	98
57) 2,4-Dinitrotoluene	15.209	165	86840	34.728	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.474	232	58086	32.995	ng/ul	99
59) Diethylphthalate	15.644	149	301457	33.641	ng/ul	100
61) Fluorene	15.897	166	252251	32.389	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.879	204	131573	32.443	ng/ul	96
63) 4-Nitroaniline	15.914	138	62274	34.639	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.973	198	46915	32.847	ng/ul	99
67) N-Nitrosodiphenylamine	16.097	169	227087	33.629	ng/ul	99
68) 4-Bromophenyl-phenylether	16.778	248	82935	34.513	ng/ul	94
69) Hexachlorobenzene	16.896	284	86415	34.980	ng/ul	95
70) Atrazine	17.031	200	89573	31.281	ng/ul	98
71) Pentachlorophenol	17.242	266	39541	34.863	ng/ul	98
72) Phenanthrene	17.642	178	443685	34.407	ng/ul	99
74) Anthracene	17.730	178	440241	34.026	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.658	216	101360	30.815	ng/uL	99
76) Pentachlorobenzene	15.168	250	96282	31.591	ng/uL	99
77) Carbazole	18.000	167	411917	35.520	ng/ul	100
78) Di-n-butylphthalate	18.529	149	524313	34.407	ng/ul	99
80) Fluoranthene	19.640	202	539776	34.146	ng/ul	98
82) Pyrene	19.998	202	521844	33.785	ng/ul	98
83) Butylbenzylphthalate	20.867	149	227634	34.272	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.778	252	129438	26.062	ng/ul	100
85) Benzo(a)anthracene	21.872	228	486617	34.467	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.743	149	328592	34.465	ng/ul	98
87) Chrysene	21.943	228	460534	34.147	ng/ul	99
89) Di-n-octyl phthalate	23.012	149	553907	33.206	ng/ul	100
90) Benzo(b)fluoranthene	24.205	252	489587	33.541	ng/ul	99
91) Benzo(k)fluoranthene	24.275	252	452931	33.067	ng/ul	99
93) Benzo(a)pyrene	25.133	252	458219	32.960	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.193	276	526898	34.046	ng/ul	96
95) Dibenzo(a,h)anthracene	29.258	278	439350	33.552	ng/ul	99
96) Benzo(g,h,i)perylene	30.415	276	440352	33.992	ng/ul	98

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

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