Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122721\
Data File : BG051824.D
Acq On : 28 Dec 2021 6:09
Operator : CG/JU
Sample : PB141642BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS642

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 28 07:13:19 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 23 13:37:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	33289	20.000	ng/ul	-0.02
20) Naphthalene-d8	11.113	136	135999	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.908	164	95186	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.657	188	220370	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.975	240	199735	20.000	ng/ul	#-0.01
88) Perylene-d12	25.476	264	189701	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.600	96	4934	6.155	ng/uL	0.00
4) Pyridine-d5	4.028	84	77979	32.198	ng/ul	-0.02
7) Phenol-d5	7.412	99	100805	33.915	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.576	67	59763	33.823	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.800	132	66416	32.129	ng/ul	-0.01
15) 4-Methylphenol-d8	8.975	113	77441	33.707	ng/ul	0.00
21) Nitrobenzene-d5	9.445	128	35525	35.629	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.173	143	39195	35.959	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.719	165	78001	32.999	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.230	131	91316	29.342	ng/ul	-0.01
46) Dimethylphthalate-d6	14.297	166	238331	31.283	ng/ul	-0.02
49) Acenaphthylene-d8	14.602	160	300736	31.784	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.084	143	35494	28.649	ng/ul	0.00
60) Fluorene-d10	15.895	176	213220	31.237	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	16.000	200	38184	33.257	ng/ul	-0.01
73) Anthracene-d10	17.757	188	337615	32.116	ng/ul	0.00
81) Pyrene-d10	20.030	212	398212	33.126	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.235	264	340319	34.095	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.641	88	10177m	12.165	ng/uL	
5) Pyridine	4.046	79	81151	33.400	ng/ul	97
6) Benzaldehyde	7.394	77	64161	34.599	ng/ul	97
8) Phenol	7.441	94	97369	32.945	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.676	93	70753	31.380	ng/ul	96
12) 2-Chlorophenol	7.835	128	69024	32.551	ng/ul	98
13) 2-Methylphenol	8.710	108	72018	32.296	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.804	45	101372	33.145	ng/ul	97
16) Acetophenone	9.098	105	111679	30.945	ng/ul	92
17) N-Nitroso-di-n-propyla...	9.080	70	65692	30.336	ng/ul	94
18) 4-Methylphenol	9.039	108	77059	32.787	ng/ul	96
19) Hexachloroethane	9.380	117	27083	29.271	ng/ul#	71
22) Nitrobenzene	9.486	77	99584	34.338	ng/ul#	96
23) Isophorone	10.014	82	182237	31.300	ng/ul	98
25) 2-Nitrophenol	10.208	139	41430	35.559	ng/ul	95
26) 2,4-Dimethylphenol	10.255	107	84231	30.006	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.490	93	96629	31.255	ng/ul	98
29) 2,4-Dichlorophenol	10.749	162	73117	32.511	ng/ul	95
30) Naphthalene	11.160	128	225284	30.747	ng/ul	98
32) 4-Chloroaniline	11.254	127	88865	27.964	ng/ul	93
33) Hexachlorobutadiene	11.448	225	54694	28.645	ng/ul	96
34) Caprolactam	12.012	113	24503m	35.986	ng/ul	
35) 4-Chloro-3-methylphenol	12.364	107	81320	32.270	ng/ul	92
36) 2-Methylnaphthalene	12.752	142	162486	31.085	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.969	142	162999	30.032	ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	13.116	216	101626	30.694	ng/ul	92
40) Hexachlorocyclopentadiene	13.098	237	58429	24.305	ng/ul	95
41) 2,4,6-Trichlorophenol	13.345	196	67097	33.477	ng/ul	99
42) 2,4,5-Trichlorophenol	13.422	196	70774	33.693	ng/ul	99
43) 1,1'-Biphenyl	13.745	154	225600	30.941	ng/ul	96
44) 2-Chloronaphthalene	13.792	162	176455	31.303	ng/ul	98
45) 2-Nitroaniline	13.980	65	65526	38.051	ng/ul	96
47) Dimethylphthalate	14.350	163	223995	30.284	ng/ul	99
48) 2,6-Dinitrotoluene	14.467	165	50882	35.985	ng/ul	94
50) Acenaphthylene	14.632	152	284826	30.767	ng/ul	99
51) 3-Nitroaniline	14.796	138	43144	31.910	ng/ul	96
52) Acenaphthene	14.972	153	187964	30.734	ng/ul	98
53) 2,4-Dinitrophenol	15.002	184	18992m	23.235	ng/ul	
55) 4-Nitrophenol	15.102	109	38185	28.727	ng/ul	81
56) Dibenzofuran	15.307	168	270295	30.010	ng/ul	98
57) 2,4-Dinitrotoluene	15.254	165	70107	34.982	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.530	232	62897	31.507	ng/ul	89
59) Diethylphthalate	15.701	149	231111	29.995	ng/ul	98
61) Fluorene	15.953	166	223652	30.136	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.936	204	124504	30.120	ng/ul	91
63) 4-Nitroaniline	15.959	138	40918	29.508	ng/ul#	84
66) 4,6-Dinitro-2-methylph...	16.018	198	34327	30.443	ng/ul	99
67) N-Nitrosodiphenylamine	16.147	169	192331	32.448	ng/ul	97
68) 4-Bromophenyl-phenylether	16.835	248	82951	36.962	ng/ul#	87
69) Hexachlorobenzene	16.964	284	91097	32.302	ng/ul#	88
70) Atrazine	17.087	200	81951	30.812	ng/ul	99
71) Pentachlorophenol	17.299	266	46674	27.012	ng/ul	95
72) Phenanthrene	17.698	178	355978	31.406	ng/ul	98
74) Anthracene	17.792	178	348886	30.468	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.715	216	108823	32.099	ng/uL	96
76) Pentachlorobenzene	15.231	250	106220	32.775	ng/uL	99
77) Carbazole	18.051	167	316935	30.909	ng/ul	98
78) Di-n-butylphthalate	18.597	149	385126	31.210	ng/ul	98
80) Fluoranthene	19.701	202	445217	32.266	ng/ul#	90
82) Pyrene	20.060	202	425362	31.150	ng/ul#	90
83) Butylbenzylphthalate	20.929	149	159496	34.829	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.857	252	110867	23.552	ng/ul#	95
85) Benzo(a)anthracene	21.957	228	423666	32.603	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.840	149	224740	35.036	ng/ul#	98
87) Chrysene	22.028	228	393347	31.332	ng/ul	99
89) Di-n-octyl phthalate	23.150	149	372854	36.491	ng/ul	100
90) Benzo(b)fluoranthene	24.360	252	426886	33.596	ng/ul#	96
91) Benzo(k)fluoranthene	24.430	252	395045	33.199	ng/ul#	96
93) Benzo(a)pyrene	25.311	252	380456	31.726	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.506	276	359393	27.451	ng/ul#	91
95) Dibenzo(a,h)anthracene	29.582	278	312031m	27.905	ng/ul	
96) Benzo(g,h,i)perylene	30.769	276	293711	26.473	ng/ul#	88

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

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