Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062322\
Data File : BG054042.D
Acq On : 24 Jun 2022 10:31
Operator : CG/JU
Sample : PB145681BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS681

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :mohammad ahmed 06/29/2022

Quant Time: Jun 24 23:52:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 20 15:29:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	22215	20.000	ng/ul	0.00
20) Naphthalene-d8	10.882	136	102996	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.701	164	80438	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	210820	20.000	ng/ul	0.00
79) Chrysene-d12	21.716	240	225905	20.000	ng/ul	0.00
88) Perylene-d12	24.971	264	227468	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.490	96	2599	5.566	ng/uL	-0.02
4) Pyridine-d5	3.907	84	39785	31.329	ng/ul	0.00
7) Phenol-d5	7.233	99	58540	36.783	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.392	67	33924	35.336	ng/ul	0.00
11) 2-Chlorophenol-d4	7.609	132	44503	35.066	ng/ul	0.00
15) 4-Methylphenol-d8	8.778	113	50431	37.164	ng/ul	0.00
21) Nitrobenzene-d5	9.236	128	23352	30.546	ng/ul	0.00
24) 2-Nitrophenol-d4	9.959	143	26894	33.109	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.500	165	58987	32.823	ng/ul	0.00
31) 4-Chloroaniline-d4	11.011	131	66137	29.130	ng/ul	0.00
46) Dimethylphthalate-d6	14.095	166	202387	31.983	ng/ul	0.00
49) Acenaphthylene-d8	14.389	160	220097	31.986	ng/ul	0.00
54) 4-Nitrophenol-d4	14.889	143	30508	35.210	ng/ul	0.00
60) Fluorene-d10	15.688	176	178842	31.464	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.799	200	38130	33.155	ng/ul	0.00
73) Anthracene-d10	17.539	188	298849	31.389	ng/ul	0.00
81) Pyrene-d10	19.824	212	389191	33.042	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.754	264	380848	33.169	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.531	88	6202	12.173	ng/uL#	85
5) Pyridine	3.925	79	39669	30.121	ng/ul	99
6) Benzaldehyde	7.204	77	38170m	47.098	ng/ul	
8) Phenol	7.256	94	57815	34.815	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.486	93	42304	33.631	ng/ul	92
12) 2-Chlorophenol	7.638	128	42389	32.713	ng/ul	99
13) 2-Methylphenol	8.514	108	44740	34.707	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.602	45	68042	36.416	ng/ul	97
16) Acetophenone	8.890	105	70486	33.586	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.878	70	36319	33.949	ng/ul	97
18) 4-Methylphenol	8.843	108	50165	36.378	ng/ul	97
19) Hexachloroethane	9.160	117	16724	30.458	ng/ul	95
22) Nitrobenzene	9.272	77	54132	29.727	ng/ul	91
23) Isophorone	9.795	82	106993	30.305	ng/ul	98
25) 2-Nitrophenol	9.989	139	25872	30.375	ng/ul	95
26) 2,4-Dimethylphenol	10.047	107	54832	29.481	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.276	93	62483	31.437	ng/ul	98
29) 2,4-Dichlorophenol	10.523	162	53572	29.809	ng/ul	96
30) Naphthalene	10.929	128	148159	28.998	ng/ul	99
32) 4-Chloroaniline	11.034	127	62816	27.901	ng/ul	100
33) Hexachlorobutadiene	11.222	225	40304	22.960	ng/ul	96
34) Caprolactam	11.786	113	17474m	32.582	ng/ul	
35) 4-Chloro-3-methylphenol	12.157	107	56460	32.668	ng/ul	98
36) 2-Methylnaphthalene	12.533	142	108418	28.685	ng/ul	96

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37) 1-Methylnaphthalene	12.750	142	110254	29.251	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.897	216	83029	25.394	ng/ul	98
40) Hexachlorocyclopentadiene	12.885	237	39631	21.613	ng/ul	97
41) 2,4,6-Trichlorophenol	13.132	196	50844	29.962	ng/ul	91
42) 2,4,5-Trichlorophenol	13.208	196	56104	29.245	ng/ul	99
43) 1,1'-Biphenyl	13.531	154	161901	29.040	ng/ul	99
44) 2-Chloronaphthalene	13.578	162	131195	28.337	ng/ul	98
45) 2-Nitroaniline	13.772	65	41272	35.434	ng/ul	97
47) Dimethylphthalate	14.142	163	182888	30.070	ng/ul	99
48) 2,6-Dinitrotoluene	14.266	165	40270	32.921	ng/ul	93
50) Acenaphthylene	14.419	152	207126	29.316	ng/ul	100
51) 3-Nitroaniline	14.595	138	36389	36.646	ng/ul#	95
52) Acenaphthene	14.759	153	145982	30.941	ng/ul	99
53) 2,4-Dinitrophenol	14.801	184	18059	31.868	ng/ul#	59
55) 4-Nitrophenol	14.900	109	25451	29.965	ng/ul	96
56) Dibenzofuran	15.094	168	213871	29.626	ng/ul	99
57) 2,4-Dinitrotoluene	15.053	165	59164	33.344	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.323	232	52908	31.739	ng/ul#	96
59) Diethylphthalate	15.506	149	184976	31.018	ng/ul	98
61) Fluorene	15.741	166	178866	30.422	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.735	204	102717	27.476	ng/ul	97
63) 4-Nitroaniline	15.752	138	39255m	41.113	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.817	198	35209	31.894	ng/ul	99
67) N-Nitrosodiphenylamine	15.946	169	162947	31.615	ng/ul	98
68) 4-Bromophenyl-phenylether	16.628	248	75349	28.774	ng/ul	98
69) Hexachlorobenzene	16.751	284	82534	26.891	ng/ul	96
70) Atrazine	16.886	200	75145	29.684	ng/ul	97
71) Pentachlorophenol	17.092	266	36269	27.880	ng/ul#	90
72) Phenanthrene	17.486	178	322093	30.838	ng/ul	99
74) Anthracene	17.574	178	324321	30.811	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.502	216	91303	25.427	ng/uL	96
76) Pentachlorobenzene	15.018	250	89535	27.111	ng/uL	98
77) Carbazole	17.838	167	281831	32.474	ng/ul	100
78) Di-n-butylphthalate	18.396	149	340148	34.425	ng/ul	99
80) Fluoranthene	19.489	202	419581	31.910	ng/ul	97
82) Pyrene	19.853	202	416479	31.858	ng/ul	100
83) Butylbenzylphthalate	20.735	149	150246	38.137	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.610	252	152571	32.636	ng/ul	98
85) Benzo(a)anthracene	21.698	228	437347	31.409	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.604	149	216610	37.626	ng/ul	100
87) Chrysene	21.763	228	409796	30.677	ng/ul	99
89) Di-n-octyl phthalate	22.826	149	369445	37.818	ng/ul	100
90) Benzo(b)fluoranthene	23.943	252	449251m	31.985	ng/ul	
91) Benzo(k)fluoranthene	24.007	252	432978	32.194	ng/ul	98
93) Benzo(a)pyrene	24.818	252	387462	28.637	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.696	276	524164	32.200	ng/ul	98
95) Dibenzo(a,h)anthracene	28.755	278	430819	31.448	ng/ul	96
96) Benzo(g,h,i)perylene	29.859	276	420660	30.606	ng/ul	98

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

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