Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011922\
Data File : BG052110.D
Acq On : 21 Jan 2022 2:17
Operator : CG/JU
Sample : PB142157BS
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS157

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :Yogesh Patel 01/23/2022

Quant Time: Jan 21 02:52:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 14:43:02 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.243	152	25476	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.086	136	110440	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.887	164	81525	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.636	188	187380	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.954	240	175169	20.000	ng/ul	# 0.00
88) Perylene-d12	25.437	264	182522	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.567	96	3798m	5.327	ng/uL	-0.01
4) Pyridine-d5	3.996	84	63591	28.692	ng/ul	-0.01
7) Phenol-d5	7.385	99	85982	34.484	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.550	67	51152	32.317	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.773	132	60565	36.687	ng/ul	0.00
15) 4-Methylphenol-d8	8.948	113	68785	35.487	ng/ul	0.00
21) Nitrobenzene-d5	9.418	128	32341	37.060	ng/ul	0.00
24) 2-Nitrophenol-d4	10.146	143	37085	38.424	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.698	165	74045	39.250	ng/ul	0.00
31) 4-Chloroaniline-d4	11.203	131	82430	31.375	ng/ul	-0.01
46) Dimethylphthalate-d6	14.276	166	223326	33.141	ng/ul	0.00
49) Acenaphthylene-d8	14.581	160	289273	35.537	ng/ul	0.00
54) 4-Nitrophenol-d4	15.069	143	33346	29.598	ng/ul	0.00
60) Fluorene-d10	15.879	176	201186	34.243	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.991	200	38789	32.814	ng/ul	0.00
73) Anthracene-d10	17.736	188	319624	35.958	ng/ul	0.00
81) Pyrene-d10	20.015	212	375762	37.273	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.208	264	357082	37.162	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.608	88	8729	10.611	ng/uL	95
5) Pyridine	4.013	79	65565	28.237	ng/ul	97
6) Benzaldehyde	7.362	77	49200	29.663	ng/ul	91
8) Phenol	7.414	94	82643	32.473	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.644	93	59375	31.871	ng/ul	99
12) 2-Chlorophenol	7.802	128	59449	35.399	ng/ul	95
13) 2-Methylphenol	8.683	108	64872	35.053	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.771	45	86020	30.272	ng/ul	99
16) Acetophenone	9.071	105	96179	31.440	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.053	70	59885	32.043	ng/ul	95
18) 4-Methylphenol	9.012	108	67524	33.683	ng/ul	92
19) Hexachloroethane	9.347	117	24177	33.345	ng/ul#	81
22) Nitrobenzene	9.459	77	83724	30.931	ng/ul	99
23) Isophorone	9.982	82	160281	31.321	ng/ul	96
25) 2-Nitrophenol	10.181	139	37850	35.684	ng/ul	98
26) 2,4-Dimethylphenol	10.234	107	79131	34.381	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.463	93	84402	32.034	ng/ul	95
29) 2,4-Dichlorophenol	10.722	162	65073	35.122	ng/ul	98
30) Naphthalene	11.133	128	203022	33.924	ng/ul	97
32) 4-Chloroaniline	11.233	127	75445	28.178	ng/ul	100
33) Hexachlorobutadiene	11.421	225	49854	33.757	ng/ul	98
34) Caprolactam	11.979	113	22348m	30.992	ng/ul	
35) 4-Chloro-3-methylphenol	12.343	107	74203	34.688	ng/ul	95
36) 2-Methylnaphthalene	12.731	142	147200	34.531	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.948	142	150313	34.358	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.095	216	96529	34.239	ng/ul	96
40) Hexachlorocyclopentadiene	13.071	237	42916	22.185	ng/ul	97
41) 2,4,6-Trichlorophenol	13.324	196	61892	34.734	ng/ul	97
42) 2,4,5-Trichlorophenol	13.400	196	65188	33.937	ng/ul	95
43) 1,1'-Biphenyl	13.724	154	211001	33.526	ng/ul#	95
44) 2-Chloronaphthalene	13.771	162	164217	33.691	ng/ul	98
45) 2-Nitroaniline	13.959	65	57496	30.779	ng/ul	94
47) Dimethylphthalate	14.323	163	203138	30.572	ng/ul	99
48) 2,6-Dinitrotoluene	14.446	165	46444	33.151	ng/ul	94
50) Acenaphthylene	14.611	152	265725	33.151	ng/ul	98
51) 3-Nitroaniline	14.775	138	39406	31.095	ng/ul	96
52) Acenaphthene	14.951	153	174639	32.768	ng/ul	95
53) 2,4-Dinitrophenol	14.987	184	19295	23.360	ng/ul	91
55) 4-Nitrophenol	15.086	109	34767	26.891	ng/ul	90
56) Dibenzofuran	15.286	168	252394	32.608	ng/ul	98
57) 2,4-Dinitrotoluene	15.233	165	65205	32.192	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.509	232	59447	33.366	ng/ul#	89
59) Diethylphthalate	15.686	149	210214	30.665	ng/ul	95
61) Fluorene	15.932	166	209387	32.463	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.915	204	115137	32.168	ng/ul	95
63) 4-Nitroaniline	15.938	138	41071	31.544	ng/ul	88
66) 4,6-Dinitro-2-methylph...	16.003	198	35076	31.037	ng/ul#	98
67) N-Nitrosodiphenylamine	16.126	169	182364	36.219	ng/ul	96
68) 4-Bromophenyl-phenylether	16.813	248	79984	36.462	ng/ul#	87
69) Hexachlorobenzene	16.943	284	87742	36.065	ng/ul#	88
70) Atrazine	17.072	200	74402	31.851	ng/ul	96
71) Pentachlorophenol	17.283	266	39539	29.101	ng/ul	92
72) Phenanthrene	17.677	178	335303	34.150	ng/ul	97
74) Anthracene	17.771	178	329632	33.539	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.694	216	102232	36.327	ng/uL	99
76) Pentachlorobenzene	15.210	250	101590	37.090	ng/uL	99
77) Carbazole	18.035	167	293762	33.171	ng/ul	97
78) Di-n-butylphthalate	18.576	149	350880	33.518	ng/ul	100
80) Fluoranthene	19.680	202	417564	35.842	ng/ul#	90
82) Pyrene	20.044	202	406138	35.408	ng/ul#	88
83) Butylbenzylphthalate	20.908	149	149784	37.523	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.836	252	139769	34.565	ng/ul#	95
85) Benzo(a)anthracene	21.936	228	413456	35.891	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.813	149	210240	36.013	ng/ul#	97
87) Chrysene	22.006	228	387199	34.905	ng/ul	98
89) Di-n-octyl phthalate	23.111	149	355492	35.258	ng/ul	100
90) Benzo(b)fluoranthene	24.327	252	431467	35.670	ng/ul#	96
91) Benzo(k)fluoranthene	24.397	252	399190	35.693	ng/ul#	95
93) Benzo(a)pyrene	25.278	252	402699	35.178	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.461	276	469592	35.836	ng/ul#	93
95) Dibenzo(a,h)anthracene	29.532	278	401222	36.199	ng/ul#	92
96) Benzo(g,h,i)perylene	30.712	276	391698	35.551	ng/ul#	88

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

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