Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031822\
Data File : BG052758.D
Acq On : 19 Mar 2022 23:33
Operator : CG/JU
Sample : PB143280BS
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS280

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/21/2022
Supervised By :Yogesh Patel 03/24/2022

Quant Time: Mar 21 00:53:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 18 00:55:42 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.147	152	37615	20.000	ng/ul	0.00
20) Naphthalene-d8	10.961	136	156146	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.768	164	109425	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.511	188	260256	20.000	ng/ul	0.00
79) Chrysene-d12	21.800	240	261655	20.000	ng/ul	0.00
88) Perylene-d12	25.113	264	278279	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.560	96	6789	6.375	ng/uL	0.00
4) Pyridine-d5	3.977	84	97505	36.677	ng/ul	0.00
7) Phenol-d5	7.290	99	126580	37.572	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.466	67	78789m	38.291	ng/ul	0.00
11) 2-Chlorophenol-d4	7.677	132	89933	39.314	ng/ul	0.00
15) 4-Methylphenol-d8	8.841	113	93324	38.240	ng/ul	0.00
21) Nitrobenzene-d5	9.305	128	43890	39.048	ng/ul	0.00
24) 2-Nitrophenol-d4	10.033	143	49238	41.532	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.574	165	99076	38.414	ng/ul	0.00
31) 4-Chloroaniline-d4	11.085	131	112956	33.137	ng/ul	0.00
46) Dimethylphthalate-d6	14.163	166	303688	36.125	ng/ul	0.00
49) Acenaphthylene-d8	14.462	160	373097	36.524	ng/ul	0.00
54) 4-Nitrophenol-d4	14.938	143	56174	39.744	ng/ul	0.00
60) Fluorene-d10	15.755	176	273005	36.986	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.861	200	54404	41.077	ng/ul	0.00
73) Anthracene-d10	17.611	188	439445	36.261	ng/ul	0.00
81) Pyrene-d10	19.890	212	558981	38.188	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.889	264	549064	38.186	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.601	88	14810m	11.351	ng/uL	
5) Pyridine	3.994	79	102959	35.842	ng/ul	91
6) Benzaldehyde	7.278	77	86272m	38.520	ng/ul	
8) Phenol	7.319	94	122081	37.598	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.560	93	91955	37.540	ng/ul	94
12) 2-Chlorophenol	7.713	128	87935	37.623	ng/ul	97
13) 2-Methylphenol	8.576	108	91166	36.126	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.670	45	150087	37.696	ng/ul	99
16) Acetophenone	8.970	105	137044	35.995	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.952	70	84126	37.903	ng/ul	97
18) 4-Methylphenol	8.905	108	97037	36.907	ng/ul	86
19) Hexachloroethane	9.240	117	36133	34.843	ng/ul	91
22) Nitrobenzene	9.352	77	123325	37.550	ng/ul	93
23) Isophorone	9.880	82	230772	36.761	ng/ul	99
25) 2-Nitrophenol	10.062	139	48303	39.290	ng/ul	94
26) 2,4-Dimethylphenol	10.115	107	108906	35.751	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.356	93	123983	35.515	ng/ul	99
29) 2,4-Dichlorophenol	10.603	162	89827	35.822	ng/ul	96
30) Naphthalene	11.008	128	279547	34.595	ng/ul	98
32) 4-Chloroaniline	11.108	127	107434	32.074	ng/ul	93
33) Hexachlorobutadiene	11.302	225	72764	35.530	ng/ul	96
34) Caprolactam	11.872	113	30290m	40.107	ng/ul	
35) 4-Chloro-3-methylphenol	12.218	107	104796	38.526	ng/ul	92
36) 2-Methylnaphthalene	12.606	142	200061	35.082	ng/ul	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.823	142	201962	34.983	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.970	216	126570	34.995	ng/ul	97
40) Hexachlorocyclopentadiene	12.959	237	89626	35.794	ng/ul	97
41) 2,4,6-Trichlorophenol	13.199	196	84738	38.341	ng/ul	97
42) 2,4,5-Trichlorophenol	13.270	196	92194	38.628	ng/ul	96
43) 1,1'-Biphenyl	13.605	154	277407	35.477	ng/ul	99
44) 2-Chloronaphthalene	13.646	162	216736	34.615	ng/ul	97
45) 2-Nitroaniline	13.834	65	74832	40.772	ng/ul	99
47) Dimethylphthalate	14.216	163	287378	35.822	ng/ul	99
48) 2,6-Dinitrotoluene	14.327	165	56854	39.122	ng/ul#	95
50) Acenaphthylene	14.492	152	344384	34.907	ng/ul	100
51) 3-Nitroaniline	14.656	138	54565	37.198	ng/ul	93
52) Acenaphthene	14.833	153	229310	35.579	ng/ul	97
53) 2,4-Dinitrophenol	14.856	184	35998	39.873	ng/ul#	70
55) 4-Nitrophenol	14.950	109	59160	39.771	ng/ul	94
56) Dibenzofuran	15.161	168	338932	35.472	ng/ul	97
57) 2,4-Dinitrotoluene	15.114	165	82983	40.245	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.385	232	82357	38.281	ng/ul#	98
59) Diethylphthalate	15.573	149	299564	36.870	ng/ul	100
61) Fluorene	15.814	166	277042	34.980	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.802	204	151636	35.980	ng/ul	97
63) 4-Nitroaniline	15.814	138	56776	39.359	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.878	198	51365	39.637	ng/ul	97
67) N-Nitrosodiphenylamine	16.007	169	248410	35.302	ng/ul	97
68) 4-Bromophenyl-phenylether	16.695	248	102719	39.861	ng/ul	95
69) Hexachlorobenzene	16.818	284	119340	35.851	ng/ul	94
70) Atrazine	16.953	200	105184	36.474	ng/ul	99
71) Pentachlorophenol	17.153	266	76737m	37.910	ng/ul	
72) Phenanthrene	17.552	178	480532	35.180	ng/ul	99
74) Anthracene	17.646	178	478414	35.033	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.575	216	136445	35.201	ng/uL	99
76) Pentachlorobenzene	15.085	250	141141	37.953	ng/uL	98
77) Carbazole	17.905	167	442847	36.694	ng/ul	97
78) Di-n-butylphthalate	18.463	149	526012	36.652	ng/ul	99
80) Fluoranthene	19.555	202	635841	36.862	ng/ul	99
82) Pyrene	19.920	202	615947	35.926	ng/ul	98
83) Butylbenzylphthalate	20.801	149	238358	39.986	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.682	252	208748	35.595	ng/ul	96
85) Benzo(a)anthracene	21.776	228	622995	36.891	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.682	149	323085	39.132	ng/ul	97
87) Chrysene	21.847	228	588387	36.528	ng/ul	100
89) Di-n-octyl phthalate	22.927	149	550200	37.959	ng/ul	100
90) Benzo(b)fluoranthene	24.061	252	640235	35.630	ng/ul	99
91) Benzo(k)fluoranthene	24.132	252	615753	37.130	ng/ul	98
93) Benzo(a)pyrene	24.960	252	610192	35.968	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.908	276	709363	36.972	ng/ul	99
95) Dibenzo(a,h)anthracene	28.972	278	592435	36.330	ng/ul	98
96) Benzo(g,h,i)perylene	30.094	276	599543	36.966	ng/ul	98

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

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