Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030823\
Data File : BG056913.D
Acq On : 9 Mar 2023 13:47
Operator : CG/JU
Sample : PB151262BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS262

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 03/10/2023
Supervised By :Jagrut Upadhyay 03/10/2023

Quant Time: Mar 10 01:33:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 08 23:58:51 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.415	152	14687	20.000	ng/ul		0.00
20) Naphthalene-d8	11.259	136	64541	20.000	ng/ul	#	0.00
38) Acenaphthene-d10	15.031	164	52120	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.769	188	139349	20.000	ng/ul		0.00
79) Chrysene-d12	22.099	240	131761	20.000	ng/ul		0.00
88) Perylene-d12	25.648	264	139636	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.691	96	2843	7.507	ng/uL		0.00
4) Pyridine-d5	4.132	84	38850	31.533	ng/ul		0.00
7) Phenol-d5	7.539	99	52915	35.152	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.722	67	32812	34.703	ng/ul		0.00
11) 2-Chlorophenol-d4	7.939	132	33700	35.771	ng/ul		0.00
15) 4-Methylphenol-d8	9.108	113	40236	35.424	ng/ul		0.00
21) Nitrobenzene-d5	9.596	128	17950	33.532	ng/ul		0.00
24) 2-Nitrophenol-d4	10.324	143	22704	35.852	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.865	165	42581	34.713	ng/ul		0.00
31) 4-Chloroaniline-d4	11.382	131	47973	29.681	ng/ul		0.00
46) Dimethylphthalate-d6	14.420	166	146360	32.830	ng/ul		0.00
49) Acenaphthylene-d8	14.731	160	160086	32.704	ng/ul		0.00
54) 4-Nitrophenol-d4	15.195	143	25525	33.789	ng/ul		0.00
60) Fluorene-d10	16.018	176	143364m	34.679	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	16.123	200	32270	32.043	ng/ul		0.00
73) Anthracene-d10	17.868	188	229457	34.070	ng/ul		0.00
81) Pyrene-d10	20.136	212	280216	34.915	ng/ul		0.00
92) Benzo(a)pyrene-d12	25.395	264	275055	35.974	ng/ul		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.732	88	5666	13.424	ng/uL	#	85
5) Pyridine	4.149	79	38981	29.531	ng/ul		96
6) Benzaldehyde	7.539	77	33041	41.700	ng/ul		93
8) Phenol	7.569	94	52439	34.169	ng/ul		97
10) Bis(2-Chloroethyl)ether	7.816	93	36501	33.856	ng/ul		96
12) 2-Chlorophenol	7.974	128	33569	34.680	ng/ul		96
13) 2-Methylphenol	8.844	108	39123	34.674	ng/ul		87
14) 2,2'-oxybis(1-Chloropr...	8.932	45	51072	34.514	ng/ul		94
16) Acetophenone	9.243	105	65436	33.664	ng/ul		94
17) N-Nitroso-di-n-propyla...	9.220	70	38348	33.919	ng/ul	#	95
18) 4-Methylphenol	9.179	108	43832	35.791	ng/ul		94
19) Hexachloroethane	9.519	117	14152	35.402	ng/ul	#	79
22) Nitrobenzene	9.637	77	56250	33.674	ng/ul		93
23) Isophorone	10.160	82	105059	32.218	ng/ul		97
25) 2-Nitrophenol	10.354	139	22785	34.413	ng/ul		92
26) 2,4-Dimethylphenol	10.395	107	46158	31.800	ng/ul		98
27) Bis(2-Chloroethoxy)met...	10.636	93	53527	33.721	ng/ul	#	97
29) 2,4-Dichlorophenol	10.894	162	42884	36.262	ng/ul		97
30) Naphthalene	11.311	128	119275	33.456	ng/ul		96
32) 4-Chloroaniline	11.405	127	45024	28.431	ng/ul		99
33) Hexachlorobutadiene	11.588	225	30658	32.941	ng/ul		96
34) Caprolactam	12.152	113	15305m	35.321	ng/ul		
35) 4-Chloro-3-methylphenol	12.492	107	47542	34.626	ng/ul		98
36) 2-Methylnaphthalene	12.886	142	87330	34.054	ng/ul		95

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	13.103	142	89166	34.799	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	13.244	216	64581	33.532	ng/ul	97
40)	Hexachlorocyclopentadiene	13.221	237	38067	29.068	ng/ul	95
41)	2,4,6-Trichlorophenol	13.474	196	42796	34.122	ng/ul	96
42)	2,4,5-Trichlorophenol	13.544	196	48815	34.966	ng/ul	95
43)	1,1'-Biphenyl	13.867	154	127634	32.697	ng/ul	97
44)	2-Chloronaphthalene	13.920	162	104255	32.392	ng/ul	98
45)	2-Nitroaniline	14.108	65	39313	33.124	ng/ul	91
47)	Dimethylphthalate	14.461	163	147603	32.752	ng/ul	99
48)	2,6-Dinitrotoluene	14.590	165	29870	32.960	ng/ul	92
50)	Acenaphthylene	14.760	152	161891	32.726	ng/ul	97
51)	3-Nitroaniline	14.925	138	27667	33.836	ng/ul#	89
52)	Acenaphthene	15.095	153	113806	32.893	ng/ul	96
53)	2,4-Dinitrophenol	15.125	184	21144	31.827	ng/ul	95
55)	4-Nitrophenol	15.207	109	31606	32.458	ng/ul	91
56)	Dibenzofuran	15.424	168	172087	32.537	ng/ul	98
57)	2,4-Dinitrotoluene	15.371	165	45305	32.427	ng/ul#	98
58)	2,3,4,6-Tetrachlorophenol	15.642	232	46695	34.708	ng/ul#	92
59)	Diethylphthalate	15.812	149	152853	33.556	ng/ul	98
61)	Fluorene	16.071	166	143985	34.187	ng/ul	95
62)	4-Chlorophenyl-phenyle...	16.053	204	85719	33.924	ng/ul	96
63)	4-Nitroaniline	16.082	138	29813	36.753	ng/ul	98
66)	4,6-Dinitro-2-methylph...	16.135	198	30800	31.956	ng/ul	100
67)	N-Nitrosodiphenylamine	16.264	169	128412	34.315	ng/ul	95
68)	4-Bromophenyl-phenylether	16.946	248	60068	34.753	ng/ul	97
69)	Hexachlorobenzene	17.075	284	65681	35.031	ng/ul	94
70)	Atrazine	17.193	200	53568	31.838	ng/ul	99
71)	Pentachlorophenol	17.410	266	37026	33.503	ng/ul	97
72)	Phenanthrene	17.816	178	257576	34.347	ng/ul	99
74)	Anthracene	17.904	178	254479	33.311	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.844	216	65483	32.788	ng/uL	99
76)	Pentachlorobenzene	15.342	250	72283	34.667	ng/uL	97
77)	Carbazole	18.168	167	225017	34.708	ng/ul	98
78)	Di-n-butylphthalate	18.691	149	253661	33.826	ng/ul	99
80)	Fluoranthene	19.802	202	332790	34.787	ng/ul	99
82)	Pyrene	20.160	202	327067	34.142	ng/ul	99
83)	Butylbenzylphthalate	21.024	149	112692	35.471	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.970	252	112999	35.402	ng/ul	99
85)	Benzo(a)anthracene	22.075	228	331993	34.466	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.928	149	160329	35.313	ng/ul	96
87)	Chrysene	22.146	228	307485	34.448	ng/ul	99
89)	Di-n-octyl phthalate	23.250	149	272559	35.841	ng/ul	100
90)	Benzo(b)fluoranthene	24.508	252	343430	35.979	ng/ul	99
91)	Benzo(k)fluoranthene	24.584	252	329378	35.919	ng/ul	98
93)	Benzo(a)pyrene	25.477	252	287390	35.238	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	29.743	276	402478	36.114	ng/ul	97
95)	Dibenzo(a,h)anthracene	29.813	278	332050	36.104	ng/ul#	97
96)	Benzo(g,h,i)perylene	31.030	276	323830	36.238	ng/ul	98

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

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