Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049713.D
Acq On : 7 Aug 2021 20:54
Operator : CG/JU
Sample : PB138195BS
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS195

Manual Integrations APPROVED
mohammad
8/9/2021 12:11:07 PM

Quant Time: Aug 09 01:35:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.042	152	32245	20.000	ng/ul		0.00
20) Naphthalene-d8	10.862	136	132223	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.692	164	83521	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.447	188	183090	20.000	ng/ul		0.00
79) Chrysene-d12	21.730	240	166997	20.000	ng/ul	#	0.00
88) Perylene-d12	25.008	264	169179	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.431	96	4401	6.381	ng/uL		0.00
4) Pyridine-d5	3.854	84	60659	29.310	ng/ul		0.00
7) Phenol-d5	7.196	99	92578	31.635	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.367	67	50965	30.319	ng/ul		0.00
11) 2-Chlorophenol-d4	7.572	132	69612	33.235	ng/ul		0.00
15) 4-Methylphenol-d8	8.753	113	71476	32.033	ng/ul		0.00
21) Nitrobenzene-d5	9.211	128	34551	33.173	ng/ul		0.00
24) 2-Nitrophenol-d4	9.940	143	40439	33.997	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.486	165	71755	31.993	ng/ul		0.00
31) 4-Chloroaniline-d4	10.997	131	87653	28.548	ng/ul		0.00
46) Dimethylphthalate-d6	14.093	166	222955	34.016	ng/ul		0.00
49) Acenaphthylene-d8	14.387	160	268275	34.404	ng/ul		0.00
54) 4-Nitrophenol-d4	14.898	143	36524	34.466	ng/ul		0.01
60) Fluorene-d10	15.685	176	192694	34.202	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.808	200	40495	32.862	ng/ul		0.00
73) Anthracene-d10	17.547	188	296058	34.256	ng/ul		0.00
81) Pyrene-d10	19.832	212	341158	37.077	ng/ul		0.00
92) Benzo(a)pyrene-d12	24.784	264	331029	35.710	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.460	88	9709	11.616	ng/uL#		90
5) Pyridine	3.871	79	65302	28.459	ng/ul		89
6) Benzaldehyde	7.179	77	65735	42.148	ng/ul#		81
8) Phenol	7.226	94	94388	32.556	ng/ul#		94
10) Bis(2-Chloroethyl)ether	7.455	93	62959	31.301	ng/ul		90
12) 2-Chlorophenol	7.608	128	69222	33.048	ng/ul		97
13) 2-Methylphenol	8.489	108	71765	31.612	ng/ul		100
14) 2,2'-oxybis(1-Chloropr...	8.565	45	71005	30.888	ng/ul		98
16) Acetophenone	8.871	105	117140	31.632	ng/ul		98
17) N-Nitroso-di-n-propyla...	8.853	70	63435	31.863	ng/ul#		93
18) 4-Methylphenol	8.818	108	76207	32.132	ng/ul		87
19) Hexachloroethane	9.135	117	31349	33.748	ng/ul		92
22) Nitrobenzene	9.252	77	101449	32.845	ng/ul		96
23) Isophorone	9.781	82	170504	32.644	ng/ul		95
25) 2-Nitrophenol	9.975	139	40221	33.012	ng/ul		97
26) 2,4-Dimethylphenol	10.028	107	86077	30.614	ng/ul		96
27) Bis(2-Chloroethoxy)met...	10.263	93	85653	32.368	ng/ul		93
29) 2,4-Dichlorophenol	10.510	162	70757	33.354	ng/ul		96
30) Naphthalene	10.915	128	224422	32.501	ng/ul		99
32) 4-Chloroaniline	11.021	127	84681	28.821	ng/ul		94
33) Hexachlorobutadiene	11.197	225	55779	32.010	ng/ul		96
34) Caprolactam	11.790	113	23213m	34.225	ng/ul		
35) 4-Chloro-3-methylphenol	12.148	107	85235	34.670	ng/ul		94
36) 2-Methylnaphthalene	12.519	142	166850	31.557	ng/ul		95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.742	142	161164	31.325	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.889	216	93921	36.208	ng/ul	98
40) Hexachlorocyclopentadiene	12.865	237	36619	23.935	ng/ul	98
41) 2,4,6-Trichlorophenol	13.124	196	61268	36.910	ng/ul#	92
42) 2,4,5-Trichlorophenol	13.206	196	63101	35.428	ng/ul	92
43) 1,1'-Biphenyl	13.523	154	215710	34.671	ng/ul	97
44) 2-Chloronaphthalene	13.570	162	170282	34.962	ng/ul	98
45) 2-Nitroaniline	13.776	65	63105	36.803	ng/ul	91
47) Dimethylphthalate	14.140	163	223232	34.313	ng/ul	98
48) 2,6-Dinitrotoluene	14.263	165	47507	35.754	ng/ul	96
50) Acenaphthylene	14.416	152	253012	34.389	ng/ul	97
51) 3-Nitroaniline	14.598	138	43286	36.593	ng/ul#	86
52) Acenaphthene	14.757	153	182898	34.804	ng/ul	97
53) 2,4-Dinitrophenol	14.810	184	25765	35.195	ng/ul	89
55) 4-Nitrophenol	14.909	109	51247	36.978	ng/ul	92
56) Dibenzofuran	15.092	168	249909	34.280	ng/ul	99
57) 2,4-Dinitrotoluene	15.056	165	67651	35.298	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.321	232	57130	38.925	ng/ul#	92
59) Diethylphthalate	15.503	149	229649	35.010	ng/ul	97
61) Fluorene	15.744	166	205398	34.646	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.732	204	111151	34.438	ng/ul	98
63) 4-Nitroaniline	15.767	138	46652	42.182	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.826	198	37681	32.632	ng/ul#	98
67) N-Nitrosodiphenylamine	15.943	169	172507	34.186	ng/ul	93
68) 4-Bromophenyl-phenylether	16.631	248	74664	35.058	ng/ul	96
69) Hexachlorobenzene	16.754	284	85437	35.437	ng/ul	98
70) Atrazine	16.895	200	74885	33.735	ng/ul	93
71) Pentachlorophenol	17.095	266	43864	37.989	ng/ul	96
72) Phenanthrene	17.488	178	337297	34.807	ng/ul	99
74) Anthracene	17.582	178	334124	34.468	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.494	216	94516	35.145	ng/uL	98
76) Pentachlorobenzene	15.015	250	98326	34.669	ng/uL	97
77) Carbazole	17.847	167	295460	34.108	ng/ul	98
78) Di-n-butylphthalate	18.399	149	374685	35.377	ng/ul	99
80) Fluoranthene	19.497	202	416645	36.691	ng/ul	99
82) Pyrene	19.862	202	402767	35.562	ng/ul	100
83) Butylbenzylphthalate	20.737	149	161651	37.452	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.624	252	142978	36.164	ng/ul	100
85) Benzo(a)anthracene	21.712	228	386773	35.276	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.600	149	231222	36.571	ng/ul	99
87) Chrysene	21.777	228	371292	36.259	ng/ul	98
89) Di-n-octyl phthalate	22.828	149	389361	36.897	ng/ul	100
90) Benzo(b)fluoranthene	23.968	252	413214	37.369	ng/ul	100
91) Benzo(k)fluoranthene	24.038	252	398755	36.318	ng/ul	98
93) Benzo(a)pyrene	24.855	252	355376	36.507	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.761	276	468801	36.698	ng/ul	99
95) Dibenzo(a,h)anthracene	28.826	278	393283	36.904	ng/ul	99
96) Benzo(g,h,i)perylene	29.936	276	387634	36.490	ng/ul	99

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

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