Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022222\
Data File : BG052454.D
Acq On : 22 Feb 2022 18:39
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 23 03:36:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022222.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 22 17:32:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.222	152	25010	20.000	ng/ul	0.00
20) Naphthalene-d8	11.059	136	103114	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.866	164	76973	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.615	188	192308	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.933	240	190138	20.000	ng/ul	# 0.00
88) Perylene-d12	25.399	264	193029	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.540	96	4244	6.657	ng/uL	0.00
4) Pyridine-d5	3.975	84	36519	18.987	ng/ul	0.00
7) Phenol-d5	7.370	99	41294	17.412	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.529	67	28880	20.838	ng/ul	0.00
11) 2-Chlorophenol-d4	7.752	132	30430	18.268	ng/ul	0.00
15) 4-Methylphenol-d8	8.927	113	33963	18.406	ng/ul	0.00
21) Nitrobenzene-d5	9.397	128	16122	18.340	ng/ul	0.00
24) 2-Nitrophenol-d4	10.125	143	18699	19.420	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.677	165	34255	19.078	ng/ul	0.00
31) 4-Chloroaniline-d4	11.188	131	45807	18.409	ng/ul	0.00
46) Dimethylphthalate-d6	14.261	166	120219	19.212	ng/ul	0.00
49) Acenaphthylene-d8	14.566	160	150008	19.419	ng/ul	0.00
54) 4-Nitrophenol-d4	15.054	143	18643m	18.742	ng/ul	0.00
60) Fluorene-d10	15.859	176	106106	19.303	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.970	200	21281	17.453	ng/ul	0.00
73) Anthracene-d10	17.715	188	175904	18.934	ng/ul	0.00
81) Pyrene-d10	19.994	212	214262	19.258	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.152	264	195287	18.858	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.581	88	4886	6.587	ng/uL#	85
5) Pyridine	3.998	79	30326	15.617	ng/ul	94
6) Benzaldehyde	7.341	77	30482	22.634	ng/ul	94
8) Phenol	7.399	94	42699	17.802	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.623	93	31300	17.642	ng/ul	99
12) 2-Chlorophenol	7.781	128	30056	17.319	ng/ul	93
13) 2-Methylphenol	8.662	108	30949	17.045	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.745	45	42735	17.600	ng/ul	95
16) Acetophenone	9.050	105	49293	17.339	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.027	70	29340	17.530	ng/ul	97
18) 4-Methylphenol	8.991	108	34319	17.773	ng/ul	90
19) Hexachloroethane	9.326	117	12080	17.804	ng/ul#	73
22) Nitrobenzene	9.438	77	43049	19.104	ng/ul#	97
23) Isophorone	9.961	82	84466	19.429	ng/ul	97
25) 2-Nitrophenol	10.160	139	18564	18.347	ng/ul	97
26) 2,4-Dimethylphenol	10.213	107	39953	19.198	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.442	93	44752	19.020	ng/ul	98
29) 2,4-Dichlorophenol	10.707	162	32010	18.845	ng/ul	99
30) Naphthalene	11.112	128	106343	18.537	ng/ul	99
32) 4-Chloroaniline	11.212	127	47692	18.684	ng/ul	100
33) Hexachlorobutadiene	11.400	225	24541	18.310	ng/ul	96
34) Caprolactam	11.970	113	12610	19.955	ng/ul#	75
35) 4-Chloro-3-methylphenol	12.322	107	37712	19.878	ng/ul	94
36) 2-Methylnaphthalene	12.710	142	80542	19.594	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.927	142	75449	18.036	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.074	216	47964	17.756	ng/ul	97
40) Hexachlorocyclopentadiene	13.057	237	20218	15.461	ng/ul	98
41) 2,4,6-Trichlorophenol	13.309	196	30526	18.842	ng/ul	95
42) 2,4,5-Trichlorophenol	13.385	196	31331	18.144	ng/ul	96
43) 1,1'-Biphenyl	13.703	154	108180	17.676	ng/ul#	91
44) 2-Chloronaphthalene	13.750	162	88361	18.984	ng/ul	99
45) 2-Nitroaniline	13.944	65	29292	19.269	ng/ul	92
47) Dimethylphthalate	14.308	163	116823	19.099	ng/ul	99
48) 2,6-Dinitrotoluene	14.425	165	26050	19.448	ng/ul	86
50) Acenaphthylene	14.590	152	147580	19.118	ng/ul	97
51) 3-Nitroaniline	14.760	138	27040	24.788	ng/ul#	93
52) Acenaphthene	14.930	153	94505	18.616	ng/ul	95
53) 2,4-Dinitrophenol	14.977	184	10353	15.631	ng/ul#	82
55) 4-Nitrophenol	15.071	109	17738m	18.386	ng/ul	
56) Dibenzofuran	15.265	168	137426	18.831	ng/ul	99
57) 2,4-Dinitrotoluene	15.218	165	37818	19.491	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.494	232	31203	19.938	ng/ul#	84
59) Diethylphthalate	15.659	149	118968	19.241	ng/ul	97
61) Fluorene	15.911	166	116055	18.905	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.894	204	62753	18.783	ng/ul	97
63) 4-Nitroaniline	15.923	138	27759	26.504	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.988	198	20897	17.683	ng/ul#	88
67) N-Nitrosodiphenylamine	16.105	169	103582	19.117	ng/ul	94
68) 4-Bromophenyl-phenylether	16.793	248	43829	18.989	ng/ul#	87
69) Hexachlorobenzene	16.928	284	49864	18.828	ng/ul#	81
70) Atrazine	17.045	200	43739	18.316	ng/ul	97
71) Pentachlorophenol	17.274	266	18096m	15.170	ng/ul	
72) Phenanthrene	17.656	178	195925	18.916	ng/ul	97
74) Anthracene	17.750	178	195405	18.745	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.673	216	48368	15.899	ng/uL	98
76) Pentachlorobenzene	15.189	250	54652	18.817	ng/uL	99
77) Carbazole	18.015	167	180116	19.453	ng/ul	97
78) Di-n-butylphthalate	18.555	149	210378	19.105	ng/ul	99
80) Fluoranthene	19.665	202	246318	18.752	ng/ul#	91
82) Pyrene	20.024	202	247170	18.949	ng/ul#	91
83) Butylbenzylphthalate	20.893	149	86749	18.396	ng/ul#	89
84) 3,3'-Dichlorobenzidine	21.809	252	94496	22.498	ng/ul#	97
85) Benzo(a)anthracene	21.909	228	249019	19.328	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.786	149	124412	18.822	ng/ul#	99
87) Chrysene	21.980	228	229488	18.580	ng/ul	98
89) Di-n-octyl phthalate	23.078	149	206963	18.542	ng/ul	100
90) Benzo(b)fluoranthene	24.288	252	252208	18.740	ng/ul#	96
91) Benzo(k)fluoranthene	24.359	252	239737	19.313	ng/ul#	97
93) Benzo(a)pyrene	25.228	252	233053	18.408	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.381	276	257644m	17.896	ng/ul	
95) Dibenzo(a,h)anthracene	29.446	278	223938	18.222	ng/ul#	94
96) Benzo(g,h,i)perylene	30.633	276	219005	18.118	ng/ul#	89

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

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