Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011222\
Data File : BG051961.D
Acq On : 13 Jan 2022 00:45
Operator : CG/JU
Sample : PB141968BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 13 01:38:41 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

Instrument :
BNA_G
ClientSampleId :
SLCS968

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/13/2022
Supervised By :mohammad ahmed 01/18/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.247	152	23098	20.000	ng/ul	0.00
20) Naphthalene-d8	11.084	136	98606	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.891	164	75605	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.640	188	208355m	20.000	ng/ul	0.00
79) Chrysene-d12	21.958	240	195625	20.000	ng/ul	# 0.00
88) Perylene-d12	25.447	264	195565	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.571	96	4273	6.610	ng/uL	0.00
4) Pyridine-d5	3.994	84	58474	29.100	ng/ul	-0.01
7) Phenol-d5	7.384	99	73909	32.693	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.554	67	42688	29.746	ng/ul	0.00
11) 2-Chlorophenol-d4	7.771	132	49850	33.305	ng/ul	0.00
15) 4-Methylphenol-d8	8.952	113	57703	32.835	ng/ul	0.00
21) Nitrobenzene-d5	9.416	128	25764	33.066	ng/ul	0.00
24) 2-Nitrophenol-d4	10.150	143	29356	34.066	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.697	165	57290	34.013	ng/ul	0.00
31) 4-Chloroaniline-d4	11.208	131	66819	28.486	ng/ul	0.00
46) Dimethylphthalate-d6	14.280	166	208456	33.357	ng/ul	0.00
49) Acenaphthylene-d8	14.586	160	251510	33.318	ng/ul	0.00
54) 4-Nitrophenol-d4	15.067	143	37805	36.183	ng/ul	0.00
60) Fluorene-d10	15.878	176	185761	34.093	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.990	200	41883	31.865	ng/ul	0.00
73) Anthracene-d10	17.740	188	325915	32.974	ng/ul	0.00
81) Pyrene-d10	20.019	212	410232	36.437	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.206	264	357625	34.736	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.606	88	8405	11.269	ng/uL#	83
5) Pyridine	4.018	79	63750	30.282	ng/ul	95
6) Benzaldehyde	7.366	77	46815m	31.131	ng/ul	
8) Phenol	7.413	94	80559	34.913	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.648	93	54746	32.412	ng/ul	95
12) 2-Chlorophenol	7.807	128	53997	35.462	ng/ul	93
13) 2-Methylphenol	8.682	108	57463	34.246	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.776	45	82975	32.207	ng/ul	97
16) Acetophenone	9.070	105	91533	33.002	ng/ul	92
17) N-Nitroso-di-n-propyla...	9.052	70	56008	33.054	ng/ul	93
18) 4-Methylphenol	9.011	108	63022	34.673	ng/ul	97
19) Hexachloroethane	9.351	117	21134	32.149	ng/ul	89
22) Nitrobenzene	9.457	77	80227	33.197	ng/ul#	94
23) Isophorone	9.986	82	157073	34.378	ng/ul	98
25) 2-Nitrophenol	10.180	139	33650	35.531	ng/ul	90
26) 2,4-Dimethylphenol	10.233	107	71003	34.552	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.468	93	78902	33.540	ng/ul	98
29) 2,4-Dichlorophenol	10.726	162	58984	35.657	ng/ul	96
30) Naphthalene	11.137	128	184334	34.498	ng/ul	97
32) 4-Chloroaniline	11.231	127	72718	30.419	ng/ul	100
33) Hexachlorobutadiene	11.425	225	42670	32.360	ng/ul	96
34) Caprolactam	11.977	113	27052m	42.018	ng/ul	
35) 4-Chloro-3-methylphenol	12.347	107	73862	38.672	ng/ul	96
36) 2-Methylnaphthalene	12.729	142	132635	34.848	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.947	142	138186	35.377	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.093	216	84639	32.373	ng/ul	98
40) Hexachlorocyclopentadiene	13.076	237	47853	26.674	ng/ul#	97
41) 2,4,6-Trichlorophenol	13.328	196	58753	35.554	ng/ul	96
42) 2,4,5-Trichlorophenol	13.405	196	63269	35.517	ng/ul	99
43) 1,1'-Biphenyl	13.722	154	195659	33.522	ng/ul#	96
44) 2-Chloronaphthalene	13.769	162	150573	33.311	ng/ul	99
45) 2-Nitroaniline	13.963	65	63529	36.672	ng/ul	95
47) Dimethylphthalate	14.327	163	216749	35.175	ng/ul	99
48) 2,6-Dinitrotoluene	14.450	165	47358	36.450	ng/ul	94
50) Acenaphthylene	14.615	152	260810	35.086	ng/ul	97
51) 3-Nitroaniline	14.779	138	42722	36.351	ng/ul	95
52) Acenaphthene	14.956	153	172401	34.881	ng/ul	98
53) 2,4-Dinitrophenol	14.985	184	24974	32.603	ng/ul	94
55) 4-Nitrophenol	15.085	109	44079	36.764	ng/ul	84
56) Dibenzofuran	15.285	168	249329	34.734	ng/ul	97
57) 2,4-Dinitrotoluene	15.238	165	71680	38.160	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.508	232	63450	38.401	ng/ul	90
59) Diethylphthalate	15.690	149	232206	36.525	ng/ul	96
61) Fluorene	15.937	166	217267	36.323	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.919	204	116387	35.063	ng/ul	92
63) 4-Nitroaniline	15.943	138	49678	41.141	ng/ul	89
66) 4,6-Dinitro-2-methylph...	16.001	198	41556	33.069	ng/ul	92
67) N-Nitrosodiphenylamine	16.131	169	195092	34.846	ng/ul	94
68) 4-Bromophenyl-phenylether	16.818	248	82944m	34.005	ng/ul	
69) Hexachlorobenzene	16.947	284	92017	34.015	ng/ul	93
70) Atrazine	17.076	200	90583	34.874	ng/ul	94
71) Pentachlorophenol	17.288	266	52361m	34.659	ng/ul	
72) Phenanthrene	17.681	178	384242m	35.195	ng/ul	
74) Anthracene	17.775	178	375943	34.400	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.699	216	90357	28.875	ng/uL	99
76) Pentachlorobenzene	15.208	250	98286	32.272	ng/uL	98
77) Carbazole	18.034	167	358240	36.379	ng/ul	98
78) Di-n-butylphthalate	18.580	149	430500	36.984	ng/ul	99
80) Fluoranthene	19.685	202	511412	39.307	ng/ul#	92
82) Pyrene	20.049	202	496140	38.731	ng/ul#	90
83) Butylbenzylphthalate	20.918	149	177744	39.871	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.840	252	145114	32.135	ng/ul#	98
85) Benzo(a)anthracene	21.940	228	473528	36.807	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.823	149	248502	38.116	ng/ul	98
87) Chrysene	22.011	228	445832	35.988	ng/ul	99
89) Di-n-octyl phthalate	23.127	149	410057	37.958	ng/ul	100
90) Benzo(b)fluoranthene	24.331	252	488661	37.704	ng/ul#	95
91) Benzo(k)fluoranthene	24.408	252	433911	36.210	ng/ul#	96
93) Benzo(a)pyrene	25.289	252	449832	36.674	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.477	276	517742	36.875	ng/ul#	92
95) Dibenzo(a,h)anthracene	29.542	278	435864	36.701	ng/ul#	93
96) Benzo(g,h,i)perylene	30.723	276	431746	36.572	ng/ul#	89

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

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