Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062122\
Data File : BG053999.D
Acq On : 22 Jun 2022 5:05
Operator : CG/JU
Sample : PB145686BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 22 05:40:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 20 15:29:13 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS686

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/22/2022
Supervised By :mohammad ahmed 06/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.083	152	23566	20.000	ng/ul	0.00
20) Naphthalene-d8	10.885	136	93598	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	71870	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	191001	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.725	240	210273	20.000	ng/ul	# 0.00
88) Perylene-d12	24.980	264	217065	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.506	96	3205	6.471	ng/uL	0.00
4) Pyridine-d5	3.911	84	45153	33.517	ng/ul	0.00
7) Phenol-d5	7.231	99	57477	34.044	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.395	67	34029	33.414	ng/ul	0.00
11) 2-Chlorophenol-d4	7.613	132	45677	33.928	ng/ul	0.00
15) 4-Methylphenol-d8	8.782	113	47025	32.667	ng/ul	0.00
21) Nitrobenzene-d5	9.240	128	22427	32.281	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	26166	35.447	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.503	165	55405	33.925	ng/ul	0.00
31) 4-Chloroaniline-d4	11.014	131	62357	30.223	ng/ul	0.00
46) Dimethylphthalate-d6	14.105	166	180199	31.871	ng/ul	0.00
49) Acenaphthylene-d8	14.399	160	195746	31.839	ng/ul	0.00
54) 4-Nitrophenol-d4	14.886	143	27053	34.945	ng/ul	0.00
60) Fluorene-d10	15.691	176	162679	32.032	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	35576	34.144	ng/ul	0.00
73) Anthracene-d10	17.548	188	274748	31.852	ng/ul	0.00
81) Pyrene-d10	19.828	212	368568	33.618	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.757	264	372341	33.982	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.541	88	6902m	12.770	ng/uL	
5) Pyridine	3.934	79	46633	33.379	ng/ul	89
6) Benzaldehyde	7.213	77	42034	48.892	ng/ul	97
8) Phenol	7.260	94	60880	34.559	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.489	93	44884	33.637	ng/ul	92
12) 2-Chlorophenol	7.642	128	46469	33.806	ng/ul	96
13) 2-Methylphenol	8.517	108	44842	32.792	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.605	45	67743	34.178	ng/ul	98
16) Acetophenone	8.899	105	73466	32.999	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.882	70	37071	32.665	ng/ul	96
18) 4-Methylphenol	8.846	108	49577	33.890	ng/ul	99
19) Hexachloroethane	9.170	117	19734	33.880	ng/ul	94
22) Nitrobenzene	9.281	77	56026	33.857	ng/ul	93
23) Isophorone	9.804	82	105700	32.945	ng/ul#	97
25) 2-Nitrophenol	9.998	139	26935	34.799	ng/ul	93
26) 2,4-Dimethylphenol	10.051	107	51135	30.254	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.286	93	61202	33.885	ng/ul	97
29) 2,4-Dichlorophenol	10.533	162	54508	33.375	ng/ul	97
30) Naphthalene	10.938	128	149075	32.107	ng/ul	98
32) 4-Chloroaniline	11.038	127	62023	30.315	ng/ul	99
33) Hexachlorobutadiene	11.232	225	49668	31.135	ng/ul	97
34) Caprolactam	11.790	113	16186m	33.211	ng/ul	
35) 4-Chloro-3-methylphenol	12.160	107	53453	34.034	ng/ul	97
36) 2-Methylnaphthalene	12.536	142	108476	31.582	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.754	142	110064	32.132	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.906	216	92147	31.543	ng/ul	98
40) Hexachlorocyclopentadiene	12.889	237	43934	26.816	ng/ul	97
41) 2,4,6-Trichlorophenol	13.141	196	50938	33.596	ng/ul	94
42) 2,4,5-Trichlorophenol	13.212	196	57168	33.352	ng/ul	97
43) 1,1'-Biphenyl	13.541	154	157767	31.672	ng/ul	99
44) 2-Chloronaphthalene	13.582	162	130415	31.527	ng/ul	99
45) 2-Nitroaniline	13.776	65	37952	36.468	ng/ul	98
47) Dimethylphthalate	14.152	163	176276	32.438	ng/ul	99
48) 2,6-Dinitrotoluene	14.269	165	37912	34.688	ng/ul	96
50) Acenaphthylene	14.428	152	201058	31.849	ng/ul	100
51) 3-Nitroaniline	14.598	138	34170	38.514	ng/ul#	90
52) Acenaphthene	14.769	153	138028	32.743	ng/ul	99
53) 2,4-Dinitrophenol	14.804	184	17132	33.837	ng/ul#	62
55) 4-Nitrophenol	14.898	109	26070	34.353	ng/ul	93
56) Dibenzofuran	15.098	168	204749	31.744	ng/ul	99
57) 2,4-Dinitrotoluene	15.057	165	55431	34.964	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.327	232	55812	37.472	ng/ul#	95
59) Diethylphthalate	15.515	149	174176	32.689	ng/ul	98
61) Fluorene	15.750	166	168828	32.137	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.738	204	103598	31.015	ng/ul	96
63) 4-Nitroaniline	15.756	138	36526m	42.815	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.821	198	34155	34.149	ng/ul	99
67) N-Nitrosodiphenylamine	15.950	169	155682	33.340	ng/ul	98
68) 4-Bromophenyl-phenylether	16.631	248	79146	33.360	ng/ul	96
69) Hexachlorobenzene	16.755	284	88990	32.003	ng/ul	93
70) Atrazine	16.896	200	75709	33.010	ng/ul	98
71) Pentachlorophenol	17.096	266	43125	36.590	ng/ul	91
72) Phenanthrene	17.489	178	312797	33.056	ng/ul	99
74) Anthracene	17.583	178	310693	32.579	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.506	216	98298	30.216	ng/uL	96
76) Pentachlorobenzene	15.022	250	94278	31.510	ng/uL	99
77) Carbazole	17.848	167	269342	34.256	ng/ul	100
78) Di-n-butylphthalate	18.406	149	314751	35.160	ng/ul	99
80) Fluoranthene	19.499	202	414448	33.863	ng/ul#	93
82) Pyrene	19.857	202	410761	33.757	ng/ul	97
83) Butylbenzylphthalate	20.738	149	138448	37.754	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.614	252	166527	38.269	ng/ul#	99
85) Benzo(a)anthracene	21.702	228	438536	33.835	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.608	149	199213	37.177	ng/ul	97
87) Chrysene	21.772	228	409242	32.913	ng/ul	99
89) Di-n-octyl phthalate	22.836	149	342830	36.775	ng/ul	100
90) Benzo(b)fluoranthene	23.946	252	471654	35.189	ng/ul#	98
91) Benzo(k)fluoranthene	24.017	252	441026m	34.364	ng/ul	
93) Benzo(a)pyrene	24.834	252	415010	32.143	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.705	276	552520	35.569	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.776	278	455921	34.876	ng/ul#	97
96) Benzo(g,h,i)perylene	29.869	276	450325	34.335	ng/ul#	95

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

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