Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
Data File : BG062164.D
Acq On : 22 Jul 2024 16:53
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 22 18:03:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020582

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.061	152	37059	20.000	ng/ul	0.00
20) Naphthalene-d8	10.874	136	164861	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.693	164	141162	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.436	188	404363	20.000	ng/ul	0.00
79) Chrysene-d12	21.701	240	405522	20.000	ng/ul	0.00
88) Perylene-d12	24.926	264	416328	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.449	96	7419	9.347	ng/uL	0.00
4) Pyridine-d5	3.872	84	62199	21.567	ng/ul	0.00
7) Phenol-d5	7.232	99	74359	20.381	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.385	67	41353	19.727	ng/ul	0.00
11) 2-Chlorophenol-d4	7.597	132	47581	20.694	ng/ul	0.00
15) 4-Methylphenol-d8	8.783	113	58678	21.118	ng/ul	0.00
21) Nitrobenzene-d5	9.236	128	26982	20.542	ng/ul	0.00
24) 2-Nitrophenol-d4	9.958	143	29298	18.532	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.499	165	66409	20.067	ng/ul	0.00
31) 4-Chloroaniline-d4	11.015	131	76618	19.246	ng/ul	0.00
46) Dimethylphthalate-d6	14.094	166	232057	19.394	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	252128	20.782	ng/ul	0.00
54) 4-Nitrophenol-d4	14.916	143	28604	19.838	ng/ul	0.00
60) Fluorene-d10	15.686	176	203582	19.984	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	45841	17.839	ng/ul	0.00
73) Anthracene-d10	17.536	188	375089	19.857	ng/ul	0.00
81) Pyrene-d10	19.815	212	470533	20.464	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.703	264	428241	20.577	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.490	88	7893	7.586	ng/uL#	87
5) Pyridine	3.890	79	62863	21.301	ng/ul	94
6) Benzaldehyde	7.197	77	45677	23.847	ng/ul	93
8) Phenol	7.262	94	75920	21.091	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.479	93	48523	19.571	ng/ul#	80
12) 2-Chlorophenol	7.632	128	46768	20.035	ng/ul#	81
13) 2-Methylphenol	8.513	108	54296	20.131	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.589	45	86454	19.704	ng/ul	95
16) Acetophenone	8.889	105	99090	20.427	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.865	70	54218	19.533	ng/ul	96
18) 4-Methylphenol	8.848	108	64652	21.738	ng/ul	83
19) Hexachloroethane	9.142	117	23699	22.678	ng/ul#	73
22) Nitrobenzene	9.277	77	88088	20.739	ng/ul	97
23) Isophorone	9.794	82	154700	17.954	ng/ul	99
25) 2-Nitrophenol	9.987	139	30360	18.159	ng/ul#	80
26) 2,4-Dimethylphenol	10.046	107	76472	19.061	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.275	93	73870	18.423	ng/ul	97
29) 2,4-Dichlorophenol	10.528	162	60803	19.340	ng/ul#	87
30) Naphthalene	10.927	128	174433	19.614	ng/ul	98
32) 4-Chloroaniline	11.039	127	74940	20.026	ng/ul#	89
33) Hexachlorobutadiene	11.198	225	58345	19.530	ng/ul	98
34) Caprolactam	11.803	113	19542	18.203	ng/ul	99
35) 4-Chloro-3-methylphenol	12.167	107	75392	19.998	ng/ul	95
36) 2-Methylnaphthalene	12.531	142	130689	19.465	ng/ul	81

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37) 1-Methylnaphthalene	12.743	142	131546	19.002	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.889	216	111180	19.532	ng/ul#	97
40) Hexachlorocyclopentadiene	12.860	237	42699	15.295	ng/ul#	94
41) 2,4,6-Trichlorophenol	13.136	196	63260	19.812	ng/ul	90
42) 2,4,5-Trichlorophenol	13.213	196	67763	19.497	ng/ul	93
43) 1,1'-Biphenyl	13.530	154	194869	19.502	ng/ul	99
44) 2-Chloronaphthalene	13.577	162	165060	20.091	ng/ul	95
45) 2-Nitroaniline	13.782	65	61411	20.284	ng/ul	98
47) Dimethylphthalate	14.141	163	218349	19.165	ng/ul	98
48) 2,6-Dinitrotoluene	14.270	165	49798	21.344	ng/ul#	92
50) Acenaphthylene	14.423	152	267956	20.259	ng/ul	98
51) 3-Nitroaniline	14.605	138	41627	22.086	ng/ul#	75
52) Acenaphthene	14.757	153	175675	20.010	ng/ul	97
53) 2,4-Dinitrophenol	14.822	184	22522m	18.032	ng/ul	
55) 4-Nitrophenol	14.934	109	42413	19.219	ng/ul	97
56) Dibenzofuran	15.092	168	270851	20.487	ng/ul	99
57) 2,4-Dinitrotoluene	15.057	165	73835	20.624	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.321	232	61195	20.011	ng/ul#	97
59) Diethylphthalate	15.498	149	224206	19.904	ng/ul	97
61) Fluorene	15.739	166	229045	20.204	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.727	204	137695	19.614	ng/ul	94
63) 4-Nitroaniline	15.762	138	45074m	22.349	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.821	198	44284	18.355	ng/ul#	97
67) N-Nitrosodiphenylamine	15.944	169	191510	19.361	ng/ul	96
68) 4-Bromophenyl-phenylether	16.620	248	93958	19.954	ng/ul	96
69) Hexachlorobenzene	16.737	284	99877	19.988	ng/ul	96
70) Atrazine	16.884	200	102061	20.476	ng/ul	98
71) Pentachlorophenol	17.090	266	36394m	19.751	ng/ul	
72) Phenanthrene	17.483	178	387566	19.917	ng/ul	99
74) Anthracene	17.571	178	400839	20.009	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.494	216	113683	19.628	ng/ul	94
76) Pentachlorobenzene	15.004	250	115476	20.145	ng/ul	97
77) Carbazole	17.847	167	343547	20.170	ng/ul	99
78) Di-n-butylphthalate	18.382	149	377640	19.340	ng/ul	99
80) Fluoranthene	19.486	202	546014	20.701	ng/ul	100
82) Pyrene	19.851	202	553983	20.200	ng/ul	99
83) Butylbenzylphthalate	20.720	149	163463	20.086	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.595	252	189222	21.499	ng/ul	94
85) Benzo(a)anthracene	21.683	228	568726	19.981	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.566	149	236678	20.287	ng/ul	95
87) Chrysene	21.748	228	522608	19.971	ng/ul	100
89) Di-n-octyl phthalate	22.776	149	394770	20.612	ng/ul	100
90) Benzo(b)fluoranthene	23.898	252	518135	20.144	ng/ul	99
91) Benzo(k)fluoranthene	23.969	252	504321m	19.642	ng/ul	
93) Benzo(a)pyrene	24.779	252	481533	19.990	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.609	276	569602	20.581	ng/ul	96
95) Dibenzo(a,h)anthracene	28.674	278	478682	20.858	ng/ul	100
96) Benzo(g,h,i)perylene	29.761	276	459652m	20.745	ng/ul	

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

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