Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061925.D
Acq On : 6 Jul 2024 11:22
Operator : MA/JU
Sample : P2982-02MS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CT2MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024

Quant Time: Jul 08 05:24:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.094	152	34820	20.000	ng/ul	0.00
20) Naphthalene-d8	10.908	136	175412	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	133347	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.460	188	304997	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.719	240	266503	20.000	ng/ul	# 0.00
88) Perylene-d12	24.957	264	318902	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.482	96	139	0.150	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.242	99	10688	2.805	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.418	67	6708	2.780	ng/ul	0.00
11) 2-Chlorophenol-d4	7.624	132	7035	2.691	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	7152	2.384	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	4051	3.037	ng/ul	0.00
24) 2-Nitrophenol-d4	9.980	143	5042	3.310	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.527	165	9365m	3.187	ng/ul	0.00
31) 4-Chloroaniline-d4	11.038	131	5873	1.377	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	34640	3.160	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	37420	3.264	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	4796	2.739	ng/ul	-0.01
60) Fluorene-d10	15.703	176	30794	3.337	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.814	200	4294	2.681	ng/ul	-0.01
73) Anthracene-d10	17.554	188	47388	3.328	ng/ul	0.00
81) Pyrene-d10	19.833	212	45865	2.926	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.733	264	35931m	2.272	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.517	88	2210m	2.161	ng/uL	
6) Benzaldehyde	7.236	77	4345	2.154	ng/ul	89
8) Phenol	7.272	94	14141	3.625	ng/ul#	86
10) Bis(2-Chloroethyl)ether	7.512	93	9826	3.279	ng/ul	90
12) 2-Chlorophenol	7.659	128	9601	3.605	ng/ul	94
13) 2-Methylphenol	8.529	108	7745	2.781	ng/ul	88
14) 2,2'-oxybis(1-Chloropr...	8.623	45	21131m	3.227	ng/ul	
16) Acetophenone	8.917	105	18369	3.706	ng/ul#	90
17) N-Nitroso-di-n-propyla...	8.887	70	9116	3.286	ng/ul#	87
18) 4-Methylphenol	8.864	108	9898	3.174	ng/ul	89
19) Hexachloroethane	9.175	117	3572	3.092	ng/ul#	73
22) Nitrobenzene	9.304	77	14347	3.789	ng/ul#	89
23) Isophorone	9.821	82	28079	3.282	ng/ul	97
25) 2-Nitrophenol	10.015	139	5566	3.583	ng/ul#	70
26) 2,4-Dimethylphenol	10.068	107	3003m	0.808	ng/ul	
27) Bis(2-Chloroethoxy)met...	10.309	93	15712	3.335	ng/ul#	97
29) 2,4-Dichlorophenol	10.556	162	10557	3.825	ng/ul#	93
30) Naphthalene	10.961	128	38055	3.949	ng/ul	97
32) 4-Chloroaniline	11.061	127	8072	1.928	ng/ul	98
33) Hexachlorobutadiene	11.232	225	8813	4.243	ng/ul#	84
34) Caprolactam	11.802	113	3807	3.520	ng/ul	97
35) 4-Chloro-3-methylphenol	12.172	107	14391	3.915	ng/ul#	84
36) 2-Methylnaphthalene	12.554	142	28202	4.040	ng/ul	96
37) 1-Methylnaphthalene	12.771	142	27613	3.806	ng/ul#	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.912	216	16267	4.062	ng/ul#	92
40) Hexachlorocyclopentadiene	12.894	237	1847	0.693	ng/ul#	76
41) 2,4,6-Trichlorophenol	13.159	196	11266	4.236	ng/ul	97
42) 2,4,5-Trichlorophenol	13.223	196	11950	4.090	ng/ul	98
43) 1,1'-Biphenyl	13.558	154	38720	3.769	ng/ul#	96
44) 2-Chloronaphthalene	13.599	162	29514	3.828	ng/ul#	86
45) 2-Nitroaniline	13.799	65	13139	4.255	ng/ul	95
47) Dimethylphthalate	14.163	163	40791	3.868	ng/ul#	99
48) 2,6-Dinitrotoluene	14.287	165	8214	4.106	ng/ul#	85
50) Acenaphthylene	14.440	152	50432	4.008	ng/ul	97
51) 3-Nitroaniline	14.616	138	7582	3.894	ng/ul#	84
52) Acenaphthene	14.780	153	35571	4.094	ng/ul	97
53) 2,4-Dinitrophenol	14.827	184	2617m	2.504	ng/ul	
55) 4-Nitrophenol	14.927	109	8895	4.452	ng/ul#	77
56) Dibenzofuran	15.109	168	50410	4.106	ng/ul	93
57) 2,4-Dinitrotoluene	15.074	165	12644	4.310	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.339	232	11334	4.296	ng/ul	93
59) Diethylphthalate	15.521	149	44684	3.932	ng/ul#	92
61) Fluorene	15.762	166	45328	4.341	ng/ul#	88
62) 4-Chlorophenyl-phenyle...	15.750	204	21089	4.021	ng/ul	95
63) 4-Nitroaniline	15.773	138	9128	4.620	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.826	198	5356	3.107	ng/ul#	92
67) N-Nitrosodiphenylamine	15.961	169	36262	4.354	ng/ul	94
68) 4-Bromophenyl-phenylether	16.643	248	16242	4.694	ng/ul	95
69) Hexachlorobenzene	16.755	284	14058	3.533	ng/ul#	89
70) Atrazine	16.901	200	10276	3.125	ng/ul	94
71) Pentachlorophenol	17.101	266	5972	2.731	ng/ul#	82
72) Phenanthrene	17.501	178	91905	5.715	ng/ul	100
74) Anthracene	17.589	178	67242	4.046	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.517	216	18527	4.891	ng/ul	90
76) Pentachlorobenzene	15.027	250	16865	3.903	ng/ul	93
77) Carbazole	17.859	167	54932	3.927	ng/ul	96
78) Di-n-butylphthalate	18.406	149	79342	4.418	ng/ul	97
80) Fluoranthene	19.504	202	129558	6.984	ng/ul#	97
82) Pyrene	19.863	202	98677	5.149	ng/ul#	95
83) Butylbenzylphthalate	20.738	149	33525	4.169	ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.614	252	18159	2.864	ng/ul#	89
85) Benzo(a)anthracene	21.696	228	107809	5.587	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.596	149	57461	4.979	ng/ul#	99
87) Chrysene	21.766	228	104429	5.781	ng/ul	95
89) Di-n-octyl phthalate	22.818	149	82068	4.212	ng/ul	100
90) Benzo(b)fluoranthene	23.928	252	121998	6.072	ng/ul	99
91) Benzo(k)fluoranthene	23.993	252	102676	5.125	ng/ul	97
93) Benzo(a)pyrene	24.798	252	44463	2.337	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.641	276	86469m	3.556	ng/ul	
95) Dibenzo(a,h)anthracene	28.717	278	89990m	4.481	ng/ul	
96) Benzo(g,h,i)perylene	29.816	276	9173m	0.474	ng/ul	

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

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