Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063812.D
Acq On : 24 Dec 2024 9:51
Operator : RC/JU
Sample : P5333-21MS
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2923MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 25 00:33:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 00:44:39 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.800	152	84268	20.000	ng/ul		0.00
20) Naphthalene-d8	10.585	136	365004	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.439	164	286897	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.189	188	709443	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.437	240	720007	20.000	ng/ul		0.00
88) Perylene-d12	24.451	264	753795	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.264	96	3185	1.481	ng/uL		0.00
4) Pyridine-d5	3.670	84	67515	9.953	ng/ul		0.00
7) Phenol-d5	6.983	99	68959	8.885	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.130	67	47016	8.771	ng/ul		0.00
11) 2-Chlorophenol-d4	7.336	132	45936	9.142	ng/ul		0.00
15) 4-Methylphenol-d8	8.517	113	40806	6.772	ng/ul		0.00
21) Nitrobenzene-d5	8.952	128	24455	9.384	ng/ul		0.00
24) 2-Nitrophenol-d4	9.674	143	26443	9.052	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.227	165	55445	9.803	ng/ul		0.00
31) 4-Chloroaniline-d4	10.726	131	41035	5.714	ng/ul		0.00
46) Dimethylphthalate-d6	13.846	166	204724	10.487	ng/ul		0.00
49) Acenaphthylene-d8	14.128	160	194586	8.744	ng/ul		0.00
54) 4-Nitrophenol-d4	14.668	143	26069	9.425	ng/ul		0.00
60) Fluorene-d10	15.432	176	155001	8.980	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.567	200	30494	8.279	ng/ul		0.00
73) Anthracene-d10	17.289	188	284894	9.340	ng/ul		0.00
81) Pyrene-d10	19.586	212	246194	6.571	ng/ul		0.00
92) Benzo(a)pyrene-d12	24.245	264	138538m	3.914	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.294	88	12139	4.770	ng/uL	#	94
5) Pyridine	3.687	79	65798	9.056	ng/ul		91
6) Benzaldehyde	6.942	77	28232m	5.930	ng/ul		
8) Phenol	7.013	94	140097	16.938	ng/ul		94
10) Bis(2-Chloroethyl)ether	7.224	93	94088	14.867	ng/ul		95
12) 2-Chlorophenol	7.371	128	77984	15.333	ng/ul		96
13) 2-Methylphenol	8.252	108	82522	13.804	ng/ul		99
14) 2,2'-oxybis(1-Chloropr...	8.317	45	139230	14.820	ng/ul		97
16) Acetophenone	8.617	105	211318	20.676	ng/ul		98
17) N-Nitroso-di-n-propyla...	8.593	70	84345	13.831	ng/ul	#	95
18) 4-Methylphenol	8.581	108	96310	14.720	ng/ul		100
19) Hexachloroethane	8.869	117	22359	8.947	ng/ul		85
22) Nitrobenzene	8.999	77	121181	13.924	ng/ul		99
23) Isophorone	9.516	82	238301	14.492	ng/ul		98
25) 2-Nitrophenol	9.704	139	47501	15.821	ng/ul		98
26) 2,4-Dimethylphenol	9.774	107	54800	8.044	ng/ul		99
27) Bis(2-Chloroethoxy)met...	9.997	93	136029	15.295	ng/ul	#	93
29) 2,4-Dichlorophenol	10.250	162	92528	16.464	ng/ul		97
30) Naphthalene	10.638	128	287737	15.767	ng/ul		99
32) 4-Chloroaniline	10.755	127	57663m	8.439	ng/ul		
33) Hexachlorobutadiene	10.920	225	63703	13.952	ng/ul		99
34) Caprolactam	11.496	113	34726	17.875	ng/ul		94
35) 4-Chloro-3-methylphenol	11.895	107	114582m	17.366	ng/ul		
36) 2-Methylnaphthalene	12.254	142	205292	15.652	ng/ul		94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.471	142	210874	15.784	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.624	216	122111	13.296	ng/ul	96
40) Hexachlorocyclopentadiene	12.600	237	14571	4.013	ng/ul#	96
41) 2,4,6-Trichlorophenol	12.871	196	80861	15.577	ng/ul#	97
42) 2,4,5-Trichlorophenol	12.959	196	91294	16.852	ng/ul	99
43) 1,1'-Biphenyl	13.270	154	303010	16.015	ng/ul	92
44) 2-Chloronaphthalene	13.311	162	240227	15.811	ng/ul	98
45) 2-Nitroaniline	13.517	65	91743	18.027	ng/ul	95
47) Dimethylphthalate	13.893	163	341537	17.456	ng/ul	98
48) 2,6-Dinitrotoluene	14.016	165	65125	17.923	ng/ul	98
50) Acenaphthylene	14.157	152	391484	16.406	ng/ul	98
51) 3-Nitroaniline	14.351	138	52986	15.772	ng/ul	100
52) Acenaphthene	14.504	153	293663	17.363	ng/ul	99
53) 2,4-Dinitrophenol	14.574	184	27396m	14.753	ng/ul	
55) 4-Nitrophenol	14.686	109	43502	15.146	ng/ul	97
56) Dibenzofuran	14.839	168	420560	17.638	ng/ul	93
57) 2,4-Dinitrotoluene	14.815	165	105688	19.575	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.080	232	79819	17.093	ng/ul	95
59) Diethylphthalate	15.262	149	349032	18.453	ng/ul	98
61) Fluorene	15.491	166	351903	18.483	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.485	204	180006	16.970	ng/ul	98
63) 4-Nitroaniline	15.515	138	72402m	21.527	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.585	198	64116	16.896	ng/ul#	94
67) N-Nitrosodiphenylamine	15.697	169	317554	18.484	ng/ul	99
68) 4-Bromophenyl-phenylether	16.378	248	128392	17.758	ng/ul	98
69) Hexachlorobenzene	16.502	284	100988	12.467	ng/ul	98
70) Atrazine	16.648	200	132914	18.303	ng/ul	96
71) Pentachlorophenol	16.860	266	48944m	14.330	ng/ul	
72) Phenanthrene	17.230	178	698667	20.436	ng/ul	100
74) Anthracene	17.324	178	667242	19.283	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.235	216	122985	12.993	ng/ul	95
76) Pentachlorobenzene	14.762	250	124731	13.301	ng/ul	95
77) Carbazole	17.594	167	513629	18.337	ng/ul	97
78) Di-n-butylphthalate	18.158	149	718430	21.238	ng/ul	97
80) Fluoranthene	19.251	202	886767	20.823	ng/ul	96
82) Pyrene	19.616	202	639717	14.119	ng/ul#	95
83) Butylbenzylphthalate	20.509	149	307783	22.130	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.343	252	81242	6.251	ng/ul	88
85) Benzo(a)anthracene	21.419	228	874630	19.383	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.331	149	455935	22.536	ng/ul	98
87) Chrysene	21.484	228	826890	19.227	ng/ul	98
89) Di-n-octyl phthalate	22.465	149	769115	23.639	ng/ul	100
90) Benzo(b)fluoranthene	23.499	252	811782	18.948	ng/ul	99
91) Benzo(k)fluoranthene	23.564	252	852824m	19.956	ng/ul	
93) Benzo(a)pyrene	24.310	252	311465	7.745	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.853	276	599859m	12.215	ng/ul	
95) Dibenzo(a,h)anthracene	27.894	278	754339	19.197	ng/ul	95
96) Benzo(g,h,i)perylene	28.893	276	54320m	1.394	ng/ul	

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

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