Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111524\
Data File : BG063423.D
Acq On : 15 Nov 2024 13:12
Operator : RC/JU
Sample : P4741-19MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 15 12:58:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
E27N6MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024

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11/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.830	152	92339	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.621	136	423417	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.469	164	353902	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.225	188	880454	20.000	ng/ul	0.00
79) Chrysene-d12	21.479	240	934328	20.000	ng/ul	# 0.00
88) Perylene-d12	24.516	264	975868	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.300	96	10543	5.163	ng/uL	0.00
4) Pyridine-d5	3.711	84	43288	6.413	ng/ul	0.00
7) Phenol-d5	7.008	99	137653	16.521	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.166	67	170679	34.923	ng/ul	0.00
11) 2-Chlorophenol-d4	7.372	132	190066	35.144	ng/ul	0.00
15) 4-Methylphenol-d8	8.547	113	204555	28.964	ng/ul	0.00
21) Nitrobenzene-d5	8.988	128	107092	35.976	ng/ul	0.00
24) 2-Nitrophenol-d4	9.710	143	134677	35.006	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	262574	34.777	ng/ul	0.00
31) 4-Chloroaniline-d4	10.762	131	232534	23.646	ng/ul	0.00
46) Dimethylphthalate-d6	13.882	166	919009	33.152	ng/ul	0.00
49) Acenaphthylene-d8	14.164	160	941861	34.713	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	56904	14.992	ng/ul	0.00
60) Fluorene-d10	15.468	176	809132	34.584	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	202363	36.571	ng/ul	0.00
73) Anthracene-d10	17.325	188	1442637	38.124	ng/ul	0.00
81) Pyrene-d10	19.622	212	1837012	39.215	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.311	264	1866232	39.609	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.335	88	19276m	7.668	ng/uL	
5) Pyridine	3.729	79	48899	7.101	ng/ul#	93
6) Benzaldehyde	6.972	77	170379	36.998	ng/ul	97
8) Phenol	7.037	94	150152	16.536	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.260	93	193079	31.266	ng/ul	93
12) 2-Chlorophenol	7.401	128	191127	33.038	ng/ul	94
13) 2-Methylphenol	8.283	108	204369	30.813	ng/ul	88
14) 2,2'-oxybis(1-Chloropr...	8.347	45	281646	36.084	ng/ul	95
16) Acetophenone	8.653	105	359555	31.620	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.635	70	209553	31.593	ng/ul	98
18) 4-Methylphenol	8.612	108	214436	28.432	ng/ul	98
19) Hexachloroethane	8.905	117	59745	25.486	ng/ul	85
22) Nitrobenzene	9.029	77	304593	33.185	ng/ul	98
23) Isophorone	9.552	82	591226	30.520	ng/ul	96
25) 2-Nitrophenol	9.740	139	132220	34.766	ng/ul	91
26) 2,4-Dimethylphenol	9.804	107	240396	28.979	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.033	93	312808	33.496	ng/ul	97
29) 2,4-Dichlorophenol	10.280	162	239957	33.712	ng/ul	92
30) Naphthalene	10.674	128	666845	30.780	ng/ul	98
32) 4-Chloroaniline	10.780	127	216011	22.950	ng/ul	92
33) Hexachlorobutadiene	10.956	225	171108	25.117	ng/ul	95
34) Caprolactam	11.549	113	17081m	5.774	ng/ul	
35) 4-Chloro-3-methylphenol	11.914	107	275304	32.234	ng/ul	91
36) 2-Methylnaphthalene	12.284	142	526283	30.649	ng/ul	95

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37) 1-Methylnaphthalene	12.507	142	522038	29.235	ng/ul	91
39) 1,2,4,5-Tetrachloroben...	12.654	216	403679	32.357	ng/ul	99
40) Hexachlorocyclopentadiene	12.636	237	133329	19.572	ng/ul#	97
41) 2,4,6-Trichlorophenol	12.901	196	237653	35.291	ng/ul	97
42) 2,4,5-Trichlorophenol	12.977	196	258405	35.386	ng/ul	93
43) 1,1'-Biphenyl	13.300	154	791245	35.272	ng/ul	99
44) 2-Chloronaphthalene	13.341	162	591483	33.868	ng/ul	98
45) 2-Nitroaniline	13.547	65	212850	35.729	ng/ul	95
47) Dimethylphthalate	13.929	163	817719	30.764	ng/ul	98
48) 2,6-Dinitrotoluene	14.052	165	177615	34.920	ng/ul	93
50) Acenaphthylene	14.193	152	924158	34.192	ng/ul	98
51) 3-Nitroaniline	14.381	138	149089	33.581	ng/ul	98
52) Acenaphthene	14.534	153	680247	35.164	ng/ul	98
53) 2,4-Dinitrophenol	14.593	184	100700	30.029	ng/ul	99
55) 4-Nitrophenol	14.704	109	64894	13.155	ng/ul	92
56) Dibenzofuran	14.869	168	994694	33.590	ng/ul	98
57) 2,4-Dinitrotoluene	14.845	165	272734	33.903	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.104	232	243775	32.233	ng/ul#	96
59) Diethylphthalate	15.292	149	843827	30.964	ng/ul	98
61) Fluorene	15.521	166	839633	33.501	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.515	204	512434	31.814	ng/ul	95
63) 4-Nitroaniline	15.551	138	174861	38.914	ng/ul	82
66) 4,6-Dinitro-2-methylph...	15.615	198	204181	35.556	ng/ul	99
67) N-Nitrosodiphenylamine	15.733	169	718564	36.584	ng/ul	95
68) 4-Bromophenyl-phenylether	16.414	248	355216	35.291	ng/ul	92
69) Hexachlorobenzene	16.532	284	371106	34.609	ng/ul	95
70) Atrazine	16.684	200	164787	15.336	ng/ul	97
71) Pentachlorophenol	16.878	266	157705	29.337	ng/ul	96
72) Phenanthrene	17.266	178	1483103	36.868	ng/ul	99
74) Anthracene	17.360	178	1502780	36.467	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.271	216	406962	35.744	ng/ul	100
76) Pentachlorobenzene	14.793	250	435076	35.834	ng/ul	99
77) Carbazole	17.630	167	1301773	38.048	ng/ul	98
78) Di-n-butylphthalate	18.189	149	1478473	37.989	ng/ul	99
80) Fluoranthene	19.287	202	1940567	38.325	ng/ul#	97
82) Pyrene	19.652	202	2018153	37.602	ng/ul#	95
83) Butylbenzylphthalate	20.551	149	664859	42.387	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.385	252	608448	30.285	ng/ul	98
85) Benzo(a)anthracene	21.461	228	2168254	36.688	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.379	149	964484	42.214	ng/ul	99
87) Chrysene	21.526	228	2040190	37.027	ng/ul	98
89) Di-n-octyl phthalate	22.519	149	1672353	43.487	ng/ul	100
90) Benzo(b)fluoranthene	23.559	252	2209181	37.626	ng/ul	99
91) Benzo(k)fluoranthene	23.618	252	2183710m	37.339	ng/ul	
93) Benzo(a)pyrene	24.381	252	2008444	36.981	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	27.954	276	2511752	37.703	ng/ul	93
95) Dibenzo(a,h)anthracene	28.001	278	2045162	37.655	ng/ul#	96
96) Benzo(g,h,i)perylene	29.017	276	1890340	37.426	ng/ul	98

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

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