Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121324\
Data File : BG063674.D
Acq On : 13 Dec 2024 12:15
Operator : RC/JU
Sample : P5153-19MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 14 01:23:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
E28Q4MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.812	152	229830	20.000	ng/ul		0.00
20) Naphthalene-d8	10.603	136	920543	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.457	164	594216	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.207	188	1144803	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.467	240	983686	20.000	ng/ul	#	0.00
88) Perylene-d12	24.528	264	691554m	20.000	ng/ul		0.05
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.288	96	22219	3.789	ng/uL		0.01
4) Pyridine-d5	3.705	84	331091	17.896	ng/ul		0.02
7) Phenol-d5	7.007	99	443053	20.931	ng/ul		0.01
9) Bis-(2-Chloroethyl)eth...	7.148	67	296381	20.273	ng/ul		0.00
11) 2-Chlorophenol-d4	7.360	132	318814	23.265	ng/ul		0.01
15) 4-Methylphenol-d8	8.541	113	272212	16.564	ng/ul		0.01
21) Nitrobenzene-d5	8.970	128	138888	21.131	ng/ul		0.00
24) 2-Nitrophenol-d4	9.686	143	52388	7.111	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.245	165	342714	24.025	ng/ul		0.01
31) 4-Chloroaniline-d4	10.750	131	73219	4.043	ng/ul		0.00
46) Dimethylphthalate-d6	13.858	166	967370	23.925	ng/ul		0.00
49) Acenaphthylene-d8	14.146	160	846072	18.356	ng/ul		0.00
54) 4-Nitrophenol-d4	14.698	143	49851	8.702	ng/ul		0.02
60) Fluorene-d10	15.450	176	800182	22.383	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.597	200	3395m	0.571	ng/ul		0.02
73) Anthracene-d10	17.307	188	1088424m	22.114	ng/ul		0.00
81) Pyrene-d10	19.610	212	1196505	23.374	ng/ul		0.00
92) Benzo(a)pyrene-d12	24.316	264	722467m	22.246	ng/ul		0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.317	88	60075	8.655	ng/uL#		72
5) Pyridine	3.723	79	486044	24.527	ng/ul		96
6) Benzaldehyde	6.960	77	114138	8.791	ng/ul#		85
8) Phenol	7.037	94	700115	31.035	ng/ul		96
10) Bis(2-Chloroethyl)ether	7.242	93	489681	28.371	ng/ul		96
12) 2-Chlorophenol	7.389	128	447043	32.228	ng/ul		98
13) 2-Methylphenol	8.276	108	490439	30.080	ng/ul		99
14) 2,2'-oxybis(1-Chloropr...	8.329	45	756380	29.519	ng/ul		98
16) Acetophenone	8.635	105	813721	29.192	ng/ul		96
17) N-Nitroso-di-n-propyla...	8.617	70	444489	26.725	ng/ul		95
18) 4-Methylphenol	8.605	108	533078	29.873	ng/ul		99
19) Hexachloroethane	8.887	117	163470	23.984	ng/ul		94
22) Nitrobenzene	9.011	77	566738	25.821	ng/ul		95
23) Isophorone	9.534	82	1197139	28.867	ng/ul		99
25) 2-Nitrophenol	9.722	139	69959	9.239	ng/ul		86
26) 2,4-Dimethylphenol	9.798	107	472650	27.509	ng/ul		96
27) Bis(2-Chloroethoxy)met...	10.015	93	680157	30.323	ng/ul#		94
29) 2,4-Dichlorophenol	10.268	162	461366	32.551	ng/ul		95
30) Naphthalene	10.656	128	1569867	34.110	ng/ul		98
32) 4-Chloroaniline	10.773	127	178912	10.382	ng/ul		93
33) Hexachlorobutadiene	10.938	225	355344	30.859	ng/ul		98
34) Caprolactam	11.561	113	135115m	27.577	ng/ul		
35) 4-Chloro-3-methylphenol	11.919	107	550069m	33.056	ng/ul		
36) 2-Methylnaphthalene	12.266	142	1136771	34.366	ng/ul		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.489	142	1052244	31.230	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.642	216	613340	32.243	ng/ul	97
40) Hexachlorocyclopentadiene	12.618	237	33899	4.508	ng/ul	96
41) 2,4,6-Trichlorophenol	12.894	196	380930	35.431	ng/ul	96
42) 2,4,5-Trichlorophenol	12.977	196	380303	33.894	ng/ul	96
43) 1,1'-Biphenyl	13.282	154	1404312	35.836	ng/ul	97
44) 2-Chloronaphthalene	13.323	162	1103397	35.064	ng/ul	99
45) 2-Nitroaniline	13.535	65	188474	17.881	ng/ul	94
47) Dimethylphthalate	13.911	163	1258788	31.063	ng/ul	97
48) 2,6-Dinitrotoluene	14.028	165	70832	9.412	ng/ul	91
50) Acenaphthylene	14.175	152	1243859	25.168	ng/ul	96
51) 3-Nitroaniline	14.369	138	72353	10.398	ng/ul#	87
52) Acenaphthene	14.516	153	1147044	32.745	ng/ul	96
55) 4-Nitrophenol	14.716	109	97616	16.409	ng/ul#	78
56) Dibenzofuran	14.857	168	1614055	32.682	ng/ul	100
57) 2,4-Dinitrotoluene	14.827	165	62204	5.562	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.098	232	280243	28.975	ng/ul#	97
59) Diethylphthalate	15.274	149	1222242	31.200	ng/ul	98
61) Fluorene	15.509	166	1242210	31.500	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.497	204	657745	29.939	ng/ul	99
63) 4-Nitroaniline	15.527	138	113350m	16.272	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.597	198	3412	0.557	ng/ul#	1
67) N-Nitrosodiphenylamine	15.715	169	1051485	37.930	ng/ul	99
68) 4-Bromophenyl-phenylether	16.396	248	419480	35.954	ng/ul	99
69) Hexachlorobenzene	16.520	284	454690	34.784	ng/ul	98
70) Atrazine	16.678	200	400631	34.188	ng/ul	96
71) Pentachlorophenol	16.878	266	122105	22.155	ng/ul	97
72) Phenanthrene	17.248	178	2138218	38.759	ng/ul	99
74) Anthracene	17.342	178	1793884	32.127	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.253	216	615092	40.270	ng/ul	95
76) Pentachlorobenzene	14.780	250	562040	37.143	ng/ul	99
77) Carbazole	17.618	167	1690408	37.400	ng/ul	99
78) Di-n-butylphthalate	18.171	149	1977909	36.235	ng/ul	97
80) Fluoranthene	19.275	202	2214751	38.067	ng/ul	99
82) Pyrene	19.639	202	2285612	36.924	ng/ul	97
83) Butylbenzylphthalate	20.532	149	792606	41.713	ng/ul	88
85) Benzo(a)anthracene	21.449	228	2068702	33.556	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.361	149	1164805	42.141	ng/ul#	98
87) Chrysene	21.514	228	2151533	36.618	ng/ul#	95
89) Di-n-octyl phthalate	22.507	149	1970135m	66.004	ng/ul	
90) Benzo(b)fluoranthene	23.558	252	1627020	41.395	ng/ul#	93
91) Benzo(k)fluoranthene	23.623	252	2255162m	57.520	ng/ul	
93) Benzo(a)pyrene	24.381	252	1433147m	38.846	ng/ul	
94) Indeno(1,2,3-cd)pyrene	27.971	276	1482285m	32.900	ng/ul	
95) Dibenzo(a,h)anthracene	28.006	278	1163107m	32.263	ng/ul	
96) Benzo(g,h,i)perylene	29.034	276	997473m	27.900	ng/ul	

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

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