Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062017.D
Acq On : 11 Jul 2024 19:46
Operator : MA/JU
Sample : P3125-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 12 00:50:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4CZ2MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.041	152	50584	20.000	ng/ul	0.00
20) Naphthalene-d8	10.856	136	233470	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.669	164	165011	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.419	188	384719	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.678	240	334397	20.000	ng/ul	# 0.00
88) Perylene-d12	24.886	264	408037	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.441	96	6219	4.620	ng/uL	0.00
4) Pyridine-d5	3.864	84	43405	10.487	ng/ul	0.00
7) Phenol-d5	7.201	99	163396	29.517	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.366	67	94963	27.089	ng/ul	0.00
11) 2-Chlorophenol-d4	7.571	132	123076	32.412	ng/ul	0.00
15) 4-Methylphenol-d8	8.752	113	127818	29.326	ng/ul	0.00
21) Nitrobenzene-d5	9.205	128	60047	33.817	ng/ul	0.00
24) 2-Nitrophenol-d4	9.927	143	71607	35.314	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.468	165	146205	37.382	ng/ul	0.00
31) 4-Chloroaniline-d4	10.991	131	111928	19.712	ng/ul	0.00
46) Dimethylphthalate-d6	14.075	166	476184	35.101	ng/ul	0.00
49) Acenaphthylene-d8	14.369	160	498283	35.126	ng/ul	0.00
54) 4-Nitrophenol-d4	14.880	143	79025	36.477	ng/ul	0.00
60) Fluorene-d10	15.662	176	411006	35.988	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.785	200	81040	40.109	ng/ul	0.00
73) Anthracene-d10	17.518	188	617002	34.351	ng/ul	0.00
81) Pyrene-d10	19.798	212	468656	23.827	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.669	264	318905	15.759	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.476	88	18850m	12.687	ng/uL	
5) Pyridine	3.881	79	67018	15.789	ng/ul	83
6) Benzaldehyde	7.178	77	69757	23.809	ng/ul	91
8) Phenol	7.225	94	198733	35.065	ng/ul#	90
10) Bis(2-Chloroethyl)ether	7.460	93	142462	32.720	ng/ul	98
12) 2-Chlorophenol	7.607	128	145760	37.678	ng/ul	98
13) 2-Methylphenol	8.482	108	142542	35.237	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.558	45	295429	31.058	ng/ul	99
16) Acetophenone	8.864	105	248975	34.582	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.846	70	129021	32.010	ng/ul	94
18) 4-Methylphenol	8.817	108	163878	36.175	ng/ul	98
19) Hexachloroethane	9.122	117	32845	19.572	ng/ul	90
22) Nitrobenzene	9.252	77	201891	40.056	ng/ul	97
23) Isophorone	9.775	82	389358	34.194	ng/ul#	98
25) 2-Nitrophenol	9.963	139	80894	39.119	ng/ul	94
26) 2,4-Dimethylphenol	10.015	107	137813	27.846	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.256	93	205772	32.815	ng/ul	99
29) 2,4-Dichlorophenol	10.503	162	154623	42.087	ng/ul	97
30) Naphthalene	10.903	128	493357	38.470	ng/ul	97
32) 4-Chloroaniline	11.014	127	119151	21.385	ng/ul	97
33) Hexachlorobutadiene	11.179	225	118392	42.823	ng/ul	98
34) Caprolactam	11.784	113	48525m	33.712	ng/ul	
35) 4-Chloro-3-methylphenol	12.131	107	197030	40.267	ng/ul	92
36) 2-Methylnaphthalene	12.507	142	374238	40.279	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.724	142	376354	38.979	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.865	216	193874	39.124	ng/ul	99
40) Hexachlorocyclopentadiene	12.842	237	73273	22.213	ng/ul#	92
41) 2,4,6-Trichlorophenol	13.106	196	142563	43.315	ng/ul	96
42) 2,4,5-Trichlorophenol	13.182	196	158643	43.878	ng/ul	90
43) 1,1'-Biphenyl	13.506	154	502597	39.531	ng/ul	96
44) 2-Chloronaphthalene	13.553	162	382964	40.135	ng/ul	96
45) 2-Nitroaniline	13.758	65	174605	45.694	ng/ul	95
47) Dimethylphthalate	14.122	163	509086	39.015	ng/ul	98
48) 2,6-Dinitrotoluene	14.252	165	108095	43.668	ng/ul	97
50) Acenaphthylene	14.399	152	601215	38.616	ng/ul	99
51) 3-Nitroaniline	14.581	138	91532	37.987	ng/ul	90
52) Acenaphthene	14.733	153	422615	39.311	ng/ul	95
53) 2,4-Dinitrophenol	14.786	184	60901	47.091	ng/ul	87
55) 4-Nitrophenol	14.892	109	128266	51.874	ng/ul	91
56) Dibenzofuran	15.074	168	615733	40.524	ng/ul	95
57) 2,4-Dinitrotoluene	15.033	165	161562	44.504	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.292	232	143383	43.918	ng/ul#	95
59) Diethylphthalate	15.486	149	548960	39.041	ng/ul	97
61) Fluorene	15.721	166	514570	39.823	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.709	204	261592	40.304	ng/ul	91
63) 4-Nitroaniline	15.744	138	100201	40.982	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.797	198	96842	44.536	ng/ul#	86
67) N-Nitrosodiphenylamine	15.920	169	437821	41.672	ng/ul	98
68) 4-Bromophenyl-phenylether	16.602	248	186206	42.663	ng/ul	96
69) Hexachlorobenzene	16.714	284	118839	23.679	ng/ul	93
70) Atrazine	16.866	200	109589	26.423	ng/ul	96
71) Pentachlorophenol	17.066	266	105718	38.323	ng/ul	98
72) Phenanthrene	17.460	178	932769	45.982	ng/ul	99
74) Anthracene	17.554	178	809956	38.636	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.470	216	187420	39.224	ng/ul	96
76) Pentachlorobenzene	14.986	250	168965	31.004	ng/ul	93
77) Carbazole	17.818	167	536859	30.429	ng/ul	98
78) Di-n-butylphthalate	18.370	149	934040	41.236	ng/ul	99
80) Fluoranthene	19.463	202	1213063	52.114	ng/ul#	94
82) Pyrene	19.828	202	719170	29.910	ng/ul#	94
83) Butylbenzylphthalate	20.703	149	399698	39.609	ng/ul	89
84) 3,3'-Dichlorobenzidine	21.573	252	70049	8.805	ng/ul	92
85) Benzo(a)anthracene	21.661	228	1155332	47.718	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.555	149	600503	41.471	ng/ul	99
87) Chrysene	21.725	228	1102918	48.661	ng/ul	98
89) Di-n-octyl phthalate	22.759	149	1030857	41.353	ng/ul	100
90) Benzo(b)fluoranthene	23.870	252	1269599	49.386	ng/ul	97
91) Benzo(k)fluoranthene	23.940	252	1119994	43.689	ng/ul#	95
93) Benzo(a)pyrene	24.734	252	360353	14.803	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	28.553	276	840789m	27.027	ng/ul	
95) Dibenzo(a,h)anthracene	28.623	278	1132236	44.068	ng/ul	99
96) Benzo(g,h,i)perylene	29.681	276	87635m	3.541	ng/ul	

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

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