Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
Data File : BG062003.D
Acq On : 10 Jul 2024 17:59
Operator : MA/JU
Sample : PB161916BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 11 01:11:00 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

Instrument :
BNA_G
ClientSampleId :
SLCS916

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	49642	20.000	ng/ul	0.00
20) Naphthalene-d8	10.907	136	244974	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.721	164	170028	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.459	188	386677	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.724	240	347318	20.000	ng/ul	# 0.00
88) Perylene-d12	24.967	264	413367	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.481	96	7196	5.447	ng/uL	0.00
4) Pyridine-d5	3.904	84	96522	23.763	ng/ul	0.00
7) Phenol-d5	7.253	99	162798	29.967	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.417	67	95034	27.624	ng/ul	0.00
11) 2-Chlorophenol-d4	7.629	132	113592	30.482	ng/ul	0.00
15) 4-Methylphenol-d8	8.804	113	124166	29.028	ng/ul	0.00
21) Nitrobenzene-d5	9.268	128	60955	32.717	ng/ul	0.00
24) 2-Nitrophenol-d4	9.985	143	71898	33.792	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.531	165	140457	34.226	ng/ul	0.00
31) 4-Chloroaniline-d4	11.043	131	154041	25.854	ng/ul	0.00
46) Dimethylphthalate-d6	14.121	166	435607	31.162	ng/ul	0.00
49) Acenaphthylene-d8	14.415	160	485391	33.208	ng/ul	0.00
54) 4-Nitrophenol-d4	14.920	143	68315	30.603	ng/ul	0.00
60) Fluorene-d10	15.708	176	380573	32.340	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.825	200	73283	36.086	ng/ul	0.00
73) Anthracene-d10	17.558	188	561517	31.103	ng/ul	0.00
81) Pyrene-d10	19.838	212	649259	31.781	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.738	264	690872	33.700	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.522	88	13716	9.407	ng/uL	96
5) Pyridine	3.927	79	100626	24.156	ng/ul	96
6) Benzaldehyde	7.235	77	90103m	31.337	ng/ul	
8) Phenol	7.282	94	174043	31.291	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.511	93	115760	27.092	ng/ul	91
12) 2-Chlorophenol	7.658	128	120888	31.842	ng/ul	96
13) 2-Methylphenol	8.540	108	117999	29.724	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.622	45	247545	26.518	ng/ul#	94
16) Acetophenone	8.922	105	201392	28.503	ng/ul	89
17) N-Nitroso-di-n-propyla...	8.904	70	109485	27.679	ng/ul	91
18) 4-Methylphenol	8.869	108	134993	30.364	ng/ul	94
19) Hexachloroethane	9.180	117	51540	31.294	ng/ul	88
22) Nitrobenzene	9.309	77	170117	32.167	ng/ul	97
23) Isophorone	9.826	82	317354	26.561	ng/ul#	98
25) 2-Nitrophenol	10.020	139	73694	33.964	ng/ul	93
26) 2,4-Dimethylphenol	10.073	107	127425	24.538	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.308	93	176737	26.861	ng/ul	96
29) 2,4-Dichlorophenol	10.555	162	126704	32.868	ng/ul	94
30) Naphthalene	10.960	128	425791	31.642	ng/ul	98
32) 4-Chloroaniline	11.072	127	147792	25.280	ng/ul	97
33) Hexachlorobutadiene	11.231	225	102066	35.184	ng/ul#	90
34) Caprolactam	11.830	113	42327m	28.025	ng/ul	
35) 4-Chloro-3-methylphenol	12.182	107	164330	32.007	ng/ul	96
36) 2-Methylnaphthalene	12.558	142	302332	31.012	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.776	142	308090	30.411	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.917	216	182673	35.776	ng/ul	98
40) Hexachlorocyclopentadiene	12.888	237	54748	16.107	ng/ul#	93
41) 2,4,6-Trichlorophenol	13.158	196	103439	30.501	ng/ul	93
42) 2,4,5-Trichlorophenol	13.234	196	115590m	31.027	ng/ul	
43) 1,1'-Biphenyl	13.557	154	415264	31.698	ng/ul	100
44) 2-Chloronaphthalene	13.604	162	326444	33.202	ng/ul	96
45) 2-Nitroaniline	13.804	65	137984	35.045	ng/ul	97
47) Dimethylphthalate	14.168	163	419496	31.200	ng/ul	98
48) 2,6-Dinitrotoluene	14.298	165	90566	35.507	ng/ul	90
50) Acenaphthylene	14.445	152	502285	31.310	ng/ul	99
51) 3-Nitroaniline	14.627	138	84884	34.188	ng/ul	97
52) Acenaphthene	14.785	153	352683	31.838	ng/ul	93
53) 2,4-Dinitrophenol	14.832	184	37934	28.466	ng/ul	88
55) 4-Nitrophenol	14.932	109	88076	34.569	ng/ul	97
56) Dibenzofuran	15.114	168	501241	32.016	ng/ul	96
57) 2,4-Dinitrotoluene	15.079	165	134155	35.864	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.338	232	92622	27.533	ng/ul#	97
59) Diethylphthalate	15.526	149	437138	30.171	ng/ul	96
61) Fluorene	15.766	166	410003	30.794	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.749	204	213398	31.909	ng/ul	91
63) 4-Nitroaniline	15.784	138	88837	35.262	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.843	198	75132	34.377	ng/ul#	91
67) N-Nitrosodiphenylamine	15.966	169	348877	33.038	ng/ul	98
68) 4-Bromophenyl-phenylether	16.648	248	147133	33.540	ng/ul	98
69) Hexachlorobenzene	16.759	284	175352	34.763	ng/ul	96
70) Atrazine	16.906	200	21856	5.243	ng/ul	91
71) Pentachlorophenol	17.106	266	63588	22.934	ng/ul#	85
72) Phenanthrene	17.506	178	648421	31.803	ng/ul	99
74) Anthracene	17.594	178	640923	30.418	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.522	216	180391	37.562	ng/ul	93
76) Pentachlorobenzene	15.032	250	197886	36.127	ng/ul	95
77) Carbazole	17.864	167	568379	32.053	ng/ul	98
78) Di-n-butylphthalate	18.410	149	708888	31.137	ng/ul	97
80) Fluoranthene	19.503	202	746080	30.860	ng/ul#	95
82) Pyrene	19.868	202	781831	31.306	ng/ul#	95
83) Butylbenzylphthalate	20.743	149	319613	30.495	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.613	252	295372	35.747	ng/ul	98
85) Benzo(a)anthracene	21.707	228	809340	32.184	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.595	149	457275	30.404	ng/ul	97
87) Chrysene	21.771	228	753991	32.028	ng/ul	99
89) Di-n-octyl phthalate	22.811	149	801166	31.724	ng/ul	100
90) Benzo(b)fluoranthene	23.933	252	865420m	33.230	ng/ul	
91) Benzo(k)fluoranthene	24.004	252	830892	31.994	ng/ul#	96
93) Benzo(a)pyrene	24.815	252	736854	29.879	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.669	276	1052966m	33.411	ng/ul	
95) Dibenzo(a,h)anthracene	28.734	278	876064m	33.658	ng/ul	
96) Benzo(g,h,i)perylene	29.821	276	772049m	30.793	ng/ul	

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

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