Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061358.D
Acq On : 30 May 2024 11:48
Operator : MA/JU
Sample : PB161157BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS157

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/01/2024
Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 31 02:23:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.882	152	24890	20.000	ng/ul	0.00
20) Naphthalene-d8	10.679	136	105207	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.516	164	78759	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	179054	20.000	ng/ul	0.00
79) Chrysene-d12	21.519	240	191518	20.000	ng/ul	0.00
88) Perylene-d12	24.604	264	208410	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	3202	7.199	ng/uL	0.00
4) Pyridine-d5	3.746	84	47932	30.293	ng/ul	0.00
7) Phenol-d5	7.066	99	68444	33.486	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.212	67	40534	31.551	ng/ul	0.00
11) 2-Chlorophenol-d4	7.424	132	53934	35.654	ng/ul	0.01
15) 4-Methylphenol-d8	8.599	113	55904	32.076	ng/ul	0.00
21) Nitrobenzene-d5	9.040	128	27511	33.963	ng/ul	0.01
24) 2-Nitrophenol-d4	9.762	143	31249	32.963	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.309	165	65852	35.631	ng/ul	0.00
31) 4-Chloroaniline-d4	10.814	131	74655	30.876	ng/ul	0.01
46) Dimethylphthalate-d6	13.922	166	192537	31.520	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	220870	34.780	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	23858	31.592	ng/ul	0.00
60) Fluorene-d10	15.509	176	173008	32.806	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	28421	26.244	ng/ul	0.01
73) Anthracene-d10	17.365	188	264882	33.555	ng/ul	0.00
81) Pyrene-d10	19.657	212	327924	33.347	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.392	264	364967	36.426	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.370	88	7068	13.240	ng/uL#	74
5) Pyridine	3.764	79	46203	29.523	ng/ul	96
6) Benzaldehyde	7.024	77	39513	36.971	ng/ul	94
8) Phenol	7.089	94	68655	32.966	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.306	93	47136	30.943	ng/ul	94
12) 2-Chlorophenol	7.453	128	53236	33.300	ng/ul	98
13) 2-Methylphenol	8.335	108	50513	31.297	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.411	45	115904	28.173	ng/ul#	95
16) Acetophenone	8.699	105	86652	29.132	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.687	70	44128	26.982	ng/ul#	93
18) 4-Methylphenol	8.664	108	56544	31.620	ng/ul	97
19) Hexachloroethane	8.957	117	23035	32.384	ng/ul	96
22) Nitrobenzene	9.081	77	69579	31.318	ng/ul	98
23) Isophorone	9.604	82	123227	27.267	ng/ul	100
25) 2-Nitrophenol	9.792	139	32904	31.978	ng/ul	97
26) 2,4-Dimethylphenol	9.862	107	49250	24.156	ng/ul	87
27) Bis(2-Chloroethoxy)met...	10.086	93	68384	30.186	ng/ul	97
29) 2,4-Dichlorophenol	10.338	162	59730	35.089	ng/ul	91
30) Naphthalene	10.726	128	180005	32.416	ng/ul	98
32) 4-Chloroaniline	10.838	127	63745	26.529	ng/ul	98
33) Hexachlorobutadiene	11.008	225	55374	33.281	ng/ul	94
34) Caprolactam	11.596	113	16687m	25.623	ng/ul	
35) 4-Chloro-3-methylphenol	11.977	107	64829	29.461	ng/ul	95
36) 2-Methylnaphthalene	12.336	142	124643	30.952	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.559	142	124430	30.108	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.706	216	100180	38.527	ng/ul	97
40) Hexachlorocyclopentadiene	12.682	237	7659	6.526	ng/ul	91
41) 2,4,6-Trichlorophenol	12.953	196	53078	36.239	ng/ul	95
42) 2,4,5-Trichlorophenol	13.035	196	58762	38.098	ng/ul	97
43) 1,1'-Biphenyl	13.346	154	178341	35.019	ng/ul	95
44) 2-Chloronaphthalene	13.393	162	141105	35.207	ng/ul	98
45) 2-Nitroaniline	13.599	65	51374	31.058	ng/ul	97
47) Dimethylphthalate	13.969	163	189811	29.814	ng/ul	99
48) 2,6-Dinitrotoluene	14.098	165	39609	31.725	ng/ul	91
50) Acenaphthylene	14.239	152	226455	32.158	ng/ul	99
51) 3-Nitroaniline	14.427	138	36241	33.448	ng/ul	98
52) Acenaphthene	14.580	153	149999	32.471	ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	13202	19.940	ng/ul	93
55) 4-Nitrophenol	14.762	109	26138	29.438	ng/ul	96
56) Dibenzofuran	14.915	168	216998	32.854	ng/ul	96
57) 2,4-Dinitrotoluene	14.892	165	57731	30.392	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.156	232	46843	33.299	ng/ul	93
59) Diethylphthalate	15.338	149	180013	28.633	ng/ul	99
61) Fluorene	15.567	166	180598	31.602	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.561	204	104726	31.247	ng/ul	99
63) 4-Nitroaniline	15.591	138	39056	34.608	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.661	198	29910	26.354	ng/ul	93
67) N-Nitrosodiphenylamine	15.773	169	158402	35.198	ng/ul	97
68) 4-Bromophenyl-phenylether	16.455	248	71573	33.736	ng/ul	97
69) Hexachlorobenzene	16.578	284	79815	33.846	ng/ul	97
70) Atrazine	16.725	200	58105	32.625	ng/ul	96
71) Pentachlorophenol	16.930	266	27134m	33.060	ng/ul	
72) Phenanthrene	17.306	178	287205	33.048	ng/ul	98
74) Anthracene	17.400	178	283401	31.539	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.317	216	95745	40.453	ng/uL	94
76) Pentachlorobenzene	14.839	250	97758	37.358	ng/uL	95
77) Carbazole	17.671	167	247832	33.909	ng/ul	100
78) Di-n-butylphthalate	18.229	149	296859	32.416	ng/ul	100
80) Fluoranthene	19.322	202	375363	31.819	ng/ul	99
82) Pyrene	19.686	202	397580	32.469	ng/ul	100
83) Butylbenzylphthalate	20.573	149	141534	33.646	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.413	252	147044	36.171	ng/ul	99
85) Benzo(a)anthracene	21.502	228	433655	32.816	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.413	149	201273	32.325	ng/ul	99
87) Chrysene	21.560	228	406892	33.439	ng/ul	98
89) Di-n-octyl phthalate	22.571	149	358965	34.428	ng/ul	100
90) Benzo(b)fluoranthene	23.628	252	412325	33.229	ng/ul	100
91) Benzo(k)fluoranthene	23.693	252	438057	34.775	ng/ul	97
93) Benzo(a)pyrene	24.463	252	360993	30.637	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.117	276	450252m	31.599	ng/ul	
95) Dibenzo(a,h)anthracene	28.158	278	355448	30.253	ng/ul	99
96) Benzo(g,h,i)perylene	29.193	276	309262m	27.282	ng/ul	

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

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