Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070523\
Data File : BG058068.D
Acq On : 7 Jul 2023 10:00
Operator : CG/JU
Sample : PB153588BS
Misc :
ALS Vial : 56 Sample Multiplier: 1

Quant Time: Jul 07 10:40:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 05 23:20:13 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS588

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/07/2023
Supervised By :Sohil Jodhani 07/07/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	39890	20.000	ng/ul	0.00
20) Naphthalene-d8	10.722	136	187715	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.559	164	137705	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.303	188	348686	20.000	ng/ul	0.00
79) Chrysene-d12	21.556	240	311882	20.000	ng/ul	0.00
88) Perylene-d12	24.717	264	394761	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.354	96	5871	5.154	ng/uL	0.00
4) Pyridine-d5	3.760	84	84205	24.348	ng/ul	-0.02
7) Phenol-d5	7.079	99	111835	27.452	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.244	67	68886	28.060	ng/ul	0.00
11) 2-Chlorophenol-d4	7.449	132	80156	28.529	ng/ul	0.00
15) 4-Methylphenol-d8	8.624	113	88082	28.655	ng/ul	0.00
21) Nitrobenzene-d5	9.077	128	42180	27.569	ng/ul	0.00
24) 2-Nitrophenol-d4	9.805	143	48944	30.438	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.346	165	88193	28.591	ng/ul	0.00
31) 4-Chloroaniline-d4	10.857	131	110314	23.588	ng/ul	0.00
46) Dimethylphthalate-d6	13.959	166	320601	29.507	ng/ul	0.00
49) Acenaphthylene-d8	14.253	160	350086	29.527	ng/ul	0.00
54) 4-Nitrophenol-d4	14.758	143	56362	29.361	ng/ul	0.00
60) Fluorene-d10	15.552	176	275199	29.824	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.669	200	59942	31.659	ng/ul	0.00
73) Anthracene-d10	17.402	188	447066	27.631	ng/ul	0.00
81) Pyrene-d10	19.688	212	560283	28.524	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.500	264	579254	28.801	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.389	88	13077	9.292	ng/uL#	83
5) Pyridine	3.783	79	84409	23.821	ng/ul	98
6) Benzaldehyde	7.056	77	55708	40.948	ng/ul	95
8) Phenol	7.109	94	113369	27.424	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.338	93	84720	26.542	ng/ul	99
12) 2-Chlorophenol	7.479	128	76036	26.006	ng/ul	97
13) 2-Methylphenol	8.360	108	85845	26.441	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.442	45	137607	28.006	ng/ul	98
16) Acetophenone	8.736	105	140223	27.495	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.718	70	75329	27.630	ng/ul	96
18) 4-Methylphenol	8.689	108	95879	27.311	ng/ul	99
19) Hexachloroethane	9.000	117	29530	26.346	ng/ul	95
22) Nitrobenzene	9.124	77	103855	26.148	ng/ul	98
23) Isophorone	9.641	82	228869	27.005	ng/ul	100
25) 2-Nitrophenol	9.835	139	47329	27.431	ng/ul	96
26) 2,4-Dimethylphenol	9.894	107	86641	22.331	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.123	93	124394	26.047	ng/ul	98
29) 2,4-Dichlorophenol	10.369	162	81684	27.236	ng/ul	93
30) Naphthalene	10.775	128	275771	26.141	ng/ul	98
32) 4-Chloroaniline	10.881	127	102997	21.538	ng/ul	96
33) Hexachlorobutadiene	11.051	225	56353	26.540	ng/ul	98
34) Caprolactam	11.633	113	34455m	28.575	ng/ul	
35) 4-Chloro-3-methylphenol	12.009	107	106680	28.957	ng/ul	98
36) 2-Methylnaphthalene	12.385	142	190430	26.779	ng/ul	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.602	142	195025	27.349	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.749	216	112157	26.726	ng/ul	99
40) Hexachlorocyclopentadiene	12.726	237	53688	20.311	ng/ul	100
41) 2,4,6-Trichlorophenol	12.990	196	72966	25.654	ng/ul	99
42) 2,4,5-Trichlorophenol	13.066	196	80682	26.230	ng/ul	97
43) 1,1'-Biphenyl	13.389	154	262096	26.411	ng/ul	100
44) 2-Chloronaphthalene	13.431	162	212143	26.636	ng/ul	98
45) 2-Nitroaniline	13.636	65	78326	28.286	ng/ul	97
47) Dimethylphthalate	14.006	163	301870	27.654	ng/ul	100
48) 2,6-Dinitrotoluene	14.130	165	64170	28.639	ng/ul	89
50) Acenaphthylene	14.283	152	342404	26.743	ng/ul	99
51) 3-Nitroaniline	14.459	138	61083	32.259	ng/ul	97
52) Acenaphthene	14.617	153	234433	26.684	ng/ul	98
53) 2,4-Dinitrophenol	14.670	184	33642	28.800	ng/ul	98
55) 4-Nitrophenol	14.776	109	40727	28.640	ng/ul	90
56) Dibenzofuran	14.952	168	338798	27.128	ng/ul	99
57) 2,4-Dinitrotoluene	14.917	165	91691	28.883	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.181	232	65881	23.527	ng/ul#	98
59) Diethylphthalate	15.369	149	316757	27.803	ng/ul	99
61) Fluorene	15.605	166	283838	27.699	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.593	204	153766	28.359	ng/ul	99
63) 4-Nitroaniline	15.628	138	64254	37.880	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.681	198	56600	29.232	ng/ul	99
67) N-Nitrosodiphenylamine	15.810	169	246738	26.589	ng/ul	97
68) 4-Bromophenyl-phenylether	16.492	248	106365	27.790	ng/ul	96
69) Hexachlorobenzene	16.609	284	121696	28.399	ng/ul	97
70) Atrazine	16.750	200	13507	3.559	ng/ul	98
71) Pentachlorophenol	16.950	266	52389	20.364	ng/ul	98
72) Phenanthrene	17.344	178	472930	26.664	ng/ul	99
74) Anthracene	17.438	178	466243	25.977	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.354	216	118692	25.667	ng/uL	96
76) Pentachlorobenzene	14.876	250	132490	26.826	ng/uL	98
77) Carbazole	17.708	167	450653	27.762	ng/ul	98
78) Di-n-butylphthalate	18.260	149	575827	27.848	ng/ul	100
80) Fluoranthene	19.359	202	592456	26.030	ng/ul	98
82) Pyrene	19.717	202	595099	25.974	ng/ul	98
83) Butylbenzylphthalate	20.605	149	250494	26.962	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.456	252	216404	28.661	ng/ul	98
85) Benzo(a)anthracene	21.539	228	621046	27.733	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.439	149	364224	27.357	ng/ul	97
87) Chrysene	21.603	228	583670	27.804	ng/ul	99
89) Di-n-octyl phthalate	22.626	149	647977	26.715	ng/ul	100
90) Benzo(b)fluoranthene	23.713	252	651640	26.660	ng/ul	99
91) Benzo(k)fluoranthene	23.777	252	649670	27.117	ng/ul	99
93) Benzo(a)pyrene	24.565	252	582229	26.912	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.313	276	781891	27.217	ng/ul	98
95) Dibenzo(a,h)anthracene	28.372	278	651451	27.499	ng/ul	98
96) Benzo(g,h,i)perylene	29.441	276	629023	26.807	ng/ul	99

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

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