Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
Data File : BG062178.D
Acq On : 23 Jul 2024 2:21
Operator : MA/JU
Sample : PB162098BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 23 02:55:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS098

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.069	152	38126	20.000	ng/ul		0.00
20) Naphthalene-d8	10.883	136	157255	20.000	ng/ul	#	0.00
38) Acenaphthene-d10	14.695	164	145191	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.439	188	383199	20.000	ng/ul		0.00
79) Chrysene-d12	21.704	240	384029	20.000	ng/ul		0.00
88) Perylene-d12	24.935	264	393831	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.458	96	5334	6.532	ng/uL		0.00
4) Pyridine-d5	3.875	84	83253	28.059	ng/ul		0.00
7) Phenol-d5	7.241	99	108611	28.936	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.388	67	58934	27.327	ng/ul		0.00
11) 2-Chlorophenol-d4	7.599	132	63489	26.840	ng/ul		0.00
15) 4-Methylphenol-d8	8.786	113	79320	27.748	ng/ul		0.00
21) Nitrobenzene-d5	9.238	128	36345	29.009	ng/ul		0.00
24) 2-Nitrophenol-d4	9.961	143	44895	29.772	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.507	165	99529	31.529	ng/ul		0.00
31) 4-Chloroaniline-d4	11.018	131	101559	26.744	ng/ul		0.00
46) Dimethylphthalate-d6	14.096	166	334551	27.185	ng/ul		0.00
49) Acenaphthylene-d8	14.396	160	367269	29.432	ng/ul		0.00
54) 4-Nitrophenol-d4	14.919	143	40850	27.545	ng/ul		0.00
60) Fluorene-d10	15.688	176	308261	29.420	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.812	200	70265	28.854	ng/ul		0.00
73) Anthracene-d10	17.539	188	530706m	29.648	ng/ul		0.00
81) Pyrene-d10	19.818	212	667908	30.675	ng/ul		0.00
92) Benzo(a)pyrene-d12	24.711	264	608850	30.926	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.493	88	11335m	10.589	ng/uL		
5) Pyridine	3.898	79	85460	28.148	ng/ul	#	82
6) Benzaldehyde	7.200	77	54966	27.893	ng/ul		98
8) Phenol	7.270	94	114317	30.869	ng/ul		97
10) Bis(2-Chloroethyl)ether	7.482	93	69102	27.091	ng/ul	#	88
12) 2-Chlorophenol	7.634	128	67680	28.182	ng/ul		95
13) 2-Methylphenol	8.516	108	81514	29.377	ng/ul		97
14) 2,2'-oxybis(1-Chloropr...	8.592	45	124527	27.587	ng/ul		97
16) Acetophenone	8.892	105	141258	28.305	ng/ul		93
17) N-Nitroso-di-n-propyla...	8.868	70	78677	27.552	ng/ul		95
18) 4-Methylphenol	8.850	108	88952	29.072	ng/ul		88
19) Hexachloroethane	9.144	117	31149	28.973	ng/ul		81
22) Nitrobenzene	9.279	77	119433	29.478	ng/ul		95
23) Isophorone	9.796	82	227116	27.633	ng/ul	#	95
25) 2-Nitrophenol	9.990	139	49302	30.915	ng/ul	#	81
26) 2,4-Dimethylphenol	10.055	107	95122	24.856	ng/ul		97
27) Bis(2-Chloroethoxy)met...	10.278	93	109692	28.680	ng/ul	#	92
29) 2,4-Dichlorophenol	10.536	162	94907	31.647	ng/ul	#	90
30) Naphthalene	10.930	128	255278	30.092	ng/ul		99
32) 4-Chloroaniline	11.042	127	92933	26.035	ng/ul		94
33) Hexachlorobutadiene	11.200	225	86108	30.218	ng/ul		97
34) Caprolactam	11.805	113	32216m	31.461	ng/ul		
35) 4-Chloro-3-methylphenol	12.175	107	114327	31.793	ng/ul		97
36) 2-Methylnaphthalene	12.528	142	195283	30.493	ng/ul		86

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.745	142	196552	29.765	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.892	216	172720	29.501	ng/ul#	98
40) Hexachlorocyclopentadiene	12.863	237	46373	16.150	ng/ul	94
41) 2,4,6-Trichlorophenol	13.139	196	91761	27.941	ng/ul	87
42) 2,4,5-Trichlorophenol	13.221	196	107548	30.085	ng/ul	97
43) 1,1'-Biphenyl	13.532	154	292017	28.414	ng/ul	99
44) 2-Chloronaphthalene	13.579	162	242661	28.717	ng/ul	94
45) 2-Nitroaniline	13.785	65	94891	30.472	ng/ul	94
47) Dimethylphthalate	14.143	163	321081	27.400	ng/ul#	94
48) 2,6-Dinitrotoluene	14.272	165	69731	29.058	ng/ul#	94
50) Acenaphthylene	14.419	152	390308	28.691	ng/ul	98
51) 3-Nitroaniline	14.607	138	63048	32.523	ng/ul#	89
52) Acenaphthene	14.760	153	258299	28.604	ng/ul	98
53) 2,4-Dinitrophenol	14.819	184	28353	22.070	ng/ul#	75
55) 4-Nitrophenol	14.936	109	66975	29.506	ng/ul	88
56) Dibenzofuran	15.095	168	400478	29.452	ng/ul	95
57) 2,4-Dinitrotoluene	15.066	165	109719	29.797	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.324	232	79475	25.268	ng/ul#	93
59) Diethylphthalate	15.500	149	324357	27.995	ng/ul	97
61) Fluorene	15.741	166	339729	29.136	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.729	204	210891	29.207	ng/ul	97
63) 4-Nitroaniline	15.770	138	72297	34.851	ng/ul#	90
66) 4,6-Dinitro-2-methylph...	15.823	198	70140	30.677	ng/ul#	96
67) N-Nitrosodiphenylamine	15.947	169	293428	31.303	ng/ul	100
68) 4-Bromophenyl-phenylether	16.622	248	139061	31.163	ng/ul	96
69) Hexachlorobenzene	16.740	284	148881	31.441	ng/ul	99
70) Atrazine	16.887	200	19972	4.228	ng/ul#	90
71) Pentachlorophenol	17.092	266	30440m	17.432	ng/ul	
72) Phenanthrene	17.480	178	564780	30.628	ng/ul	98
74) Anthracene	17.574	178	565898	29.809	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.497	216	172218	31.377	ng/ul	96
76) Pentachlorobenzene	15.007	250	171211	31.518	ng/ul	98
77) Carbazole	17.844	167	501511	31.071	ng/ul	96
78) Di-n-butylphthalate	18.385	149	562171	30.380	ng/ul	98
80) Fluoranthene	19.483	202	775248	31.037	ng/ul	99
82) Pyrene	19.853	202	799147	30.770	ng/ul#	98
83) Butylbenzylphthalate	20.717	149	242840	31.510	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.598	252	271115	32.528	ng/ul	97
85) Benzo(a)anthracene	21.680	228	814338	30.211	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.568	149	333529	30.189	ng/ul	95
87) Chrysene	21.751	228	753657	30.413	ng/ul	98
89) Di-n-octyl phthalate	22.773	149	583704	32.217	ng/ul	100
90) Benzo(b)fluoranthene	23.906	252	749606	30.807	ng/ul	99
91) Benzo(k)fluoranthene	23.971	252	759119	31.254	ng/ul	97
93) Benzo(a)pyrene	24.782	252	666795	29.262	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.624	276	853732	32.609	ng/ul#	92
95) Dibenzo(a,h)anthracene	28.688	278	703988m	32.428	ng/ul	
96) Benzo(g,h,i)perylene	29.787	276	664256	31.692	ng/ul	99

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

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