Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058296.D
Acq On : 18 Jul 2023 11:31
Operator : CG/JU
Sample : 03458-22MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 19 04:35:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A46K5MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	34427	20.000	ng/ul	0.00
20) Naphthalene-d8	10.702	136	157733	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.533	164	113865	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.277	188	284974	20.000	ng/ul	0.00
79) Chrysene-d12	21.530	240	239626	20.000	ng/ul	0.00
88) Perylene-d12	24.662	264	289956	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	2731	2.920	ng/uL	0.00
4) Pyridine-d5	3.751	84	32263	11.621	ng/ul	0.00
7) Phenol-d5	7.065	99	42427	12.991	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.224	67	35269	17.278	ng/ul	0.00
11) 2-Chlorophenol-d4	7.429	132	35629	15.585	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	6155	2.471	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	20386	17.243	ng/ul	0.00
24) 2-Nitrophenol-d4	9.780	143	23138	17.926	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.320	165	33630	13.592	ng/ul	0.00
31) 4-Chloroaniline-d4	10.843	131	4839	1.349	ng/ul	0.00
46) Dimethylphthalate-d6	13.939	166	157382	17.924	ng/ul	0.00
49) Acenaphthylene-d8	14.227	160	135469	14.722	ng/ul	0.00
54) 4-Nitrophenol-d4	14.738	143	20076	15.140	ng/ul	0.00
60) Fluorene-d10	15.526	176	138236	19.016	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	22011	15.160	ng/ul	0.00
73) Anthracene-d10	17.377	188	152006	12.345	ng/ul	0.00
81) Pyrene-d10	19.668	212	69722	4.926	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.439	264	24162	1.724	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	7999	7.539	ng/uL#	78
5) Pyridine	3.781	79	3631	1.238	ng/ul#	39
6) Benzaldehyde	7.036	77	39602m	30.026	ng/ul	
8) Phenol	7.089	94	47918	14.129	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.318	93	52772	20.311	ng/ul	99
12) 2-Chlorophenol	7.465	128	43088	18.006	ng/ul	97
13) 2-Methylphenol	8.340	108	5864	2.218	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.428	45	87307m	20.505	ng/ul	
16) Acetophenone	8.716	105	91868	21.655	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.698	70	50371	21.694	ng/ul	99
18) 4-Methylphenol	8.675	108	23024	8.015	ng/ul	91
19) Hexachloroethane	8.980	117	3172	3.363	ng/ul	86
22) Nitrobenzene	9.098	77	62734	19.897	ng/ul	96
23) Isophorone	9.621	82	133851	18.936	ng/ul	99
25) 2-Nitrophenol	9.815	139	27796	20.161	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.103	93	73928	19.747	ng/ul	98
29) 2,4-Dichlorophenol	10.349	162	36865	15.698	ng/ul	95
30) Naphthalene	10.749	128	153236	18.175	ng/ul	99
32) 4-Chloroaniline	10.866	127	6053m	1.651	ng/ul	
33) Hexachlorobutadiene	11.031	225	32466	19.333	ng/ul	99
34) Caprolactam	11.613	113	19058	19.539	ng/ul	93
35) 4-Chloro-3-methylphenol	11.989	107	23363	7.817	ng/ul	96
36) 2-Methylnaphthalene	12.359	142	116136	20.560	ng/ul	98
37) 1-Methylnaphthalene	12.576	142	116433	20.112	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.729	216	36038	10.933	ng/ul	97
40) Hexachlorocyclopentadiene	12.706	237	28777	16.232	ng/ul	96
41) 2,4,6-Trichlorophenol	12.970	196	32220	14.440	ng/ul	95
42) 2,4,5-Trichlorophenol	13.046	196	35723	15.014	ng/ul	98
43) 1,1'-Biphenyl	13.369	154	163359	21.217	ng/ul	98
44) 2-Chloronaphthalene	13.411	162	103880	16.969	ng/ul	100
45) 2-Nitroaniline	13.616	65	46158	21.707	ng/ul	98
47) Dimethylphthalate	13.986	163	186440	21.140	ng/ul	99
48) 2,6-Dinitrotoluene	14.110	165	36643	21.501	ng/ul	97
50) Acenaphthylene	14.257	152	160131	16.122	ng/ul	98
51) 3-Nitroaniline	14.445	138	15066	10.608	ng/ul#	76
52) Acenaphthene	14.597	153	129388	18.763	ng/ul	98
53) 2,4-Dinitrophenol	14.650	184	16699	18.411	ng/ul#	29
55) 4-Nitrophenol	14.756	109	20767	20.335	ng/ul	91
56) Dibenzofuran	14.932	168	210195	21.406	ng/ul	97
57) 2,4-Dinitrotoluene	14.897	165	53810	21.891	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.161	232	34629	15.752	ng/ul#	96
59) Diethylphthalate	15.344	149	196987	21.681	ng/ul	98
61) Fluorene	15.579	166	179385	22.277	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.573	204	94525	22.112	ng/ul	99
63) 4-Nitroaniline	15.602	138	19604m	15.254	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.661	198	29316	19.626	ng/ul	99
67) N-Nitrosodiphenylamine	15.784	169	66997	9.484	ng/ul	96
68) 4-Bromophenyl-phenylether	16.466	248	64961	21.521	ng/ul	97
69) Hexachlorobenzene	16.583	284	12672	3.721	ng/ul#	93
70) Atrazine	16.730	200	29915	10.801	ng/ul	94
71) Pentachlorophenol	16.930	266	19374m	10.134	ng/ul	
72) Phenanthrene	17.324	178	260921	19.267	ng/ul	99
74) Anthracene	17.412	178	190922	14.043	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.334	216	30026	8.400	ng/uL	98
76) Pentachlorobenzene	14.856	250	63026	16.124	ng/uL	94
77) Carbazole	17.682	167	64939	5.510	ng/ul	98
78) Di-n-butylphthalate	18.234	149	357571	23.877	ng/ul	99
80) Fluoranthene	19.333	202	315576	19.463	ng/ul	98
82) Pyrene	19.697	202	76184	4.637	ng/ul	99
83) Butylbenzylphthalate	20.579	149	160634	24.831	ng/ul	98
85) Benzo(a)anthracene	21.507	228	303414	18.838	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.413	149	265036	28.804	ng/ul	100
87) Chrysene	21.572	228	263489	17.247	ng/ul	98
89) Di-n-octyl phthalate	22.588	149	386271	25.037	ng/ul	100
90) Benzo(b)fluoranthene	23.663	252	279949	16.687	ng/ul	99
91) Benzo(k)fluoranthene	23.728	252	284388	16.997	ng/ul	98
93) Benzo(a)pyrene	24.509	252	21211	1.421	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.270	276	121081m	6.159	ng/ul	
95) Dibenzo(a,h)anthracene	28.287	278	311337	19.312	ng/ul	97

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

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