Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
Data File : BG058193.D
Acq On : 12 Jul 2023 19:23
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020512

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023

Quant Time: Jul 12 23:01:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 16:52:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	52827	20.000	ng/ul	0.00
20) Naphthalene-d8	10.778	136	237053	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	160280	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.341	188	369202	20.000	ng/ul	0.00
79) Chrysene-d12	21.595	240	323832	20.000	ng/ul	0.00
88) Perylene-d12	24.786	264	389049	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	10499	6.959	ng/uL	0.00
4) Pyridine-d5	3.816	84	81412	17.775	ng/ul	0.00
7) Phenol-d5	7.130	99	102510	19.001	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.294	67	61572	18.938	ng/ul	0.00
11) 2-Chlorophenol-d4	7.506	132	70313	18.897	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	76266	18.735	ng/ul	0.00
21) Nitrobenzene-d5	9.133	128	36558	18.922	ng/ul	0.00
24) 2-Nitrophenol-d4	9.856	143	40693	20.040	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.397	165	75412	19.359	ng/ul	0.00
31) 4-Chloroaniline-d4	10.914	131	107667	18.230	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	225794	17.855	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160	266909	19.341	ng/ul	0.00
54) 4-Nitrophenol-d4	14.797	143	35711	15.983	ng/ul	0.00
60) Fluorene-d10	15.591	176	202039	18.812	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.708	200	35110	17.513	ng/ul	0.00
73) Anthracene-d10	17.441	188	324105	18.918	ng/ul	0.00
81) Pyrene-d10	19.727	212	369730	18.128	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.568	264	378900	19.116	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	12090	6.487	ng/uL#	84
5) Pyridine	3.834	79	86767	18.490	ng/ul	95
6) Benzaldehyde	7.112	77	18218	10.112	ng/ul	96
8) Phenol	7.159	94	105205	19.217	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.388	93	79983	18.921	ng/ul	98
12) 2-Chlorophenol	7.535	128	71902	18.570	ng/ul	97
13) 2-Methylphenol	8.411	108	80495	18.721	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.493	45	124400	19.118	ng/ul	97
16) Acetophenone	8.793	105	128516	19.028	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.769	70	65659	18.185	ng/ul	98
18) 4-Methylphenol	8.740	108	88671	19.073	ng/ul	99
19) Hexachloroethane	9.051	117	28284	19.055	ng/ul	99
22) Nitrobenzene	9.175	77	96068	19.154	ng/ul	96
23) Isophorone	9.692	82	193441	18.074	ng/ul	100
25) 2-Nitrophenol	9.885	139	43938	20.165	ng/ul	95
26) 2,4-Dimethylphenol	9.944	107	94278	19.242	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.173	93	109684	18.187	ng/ul	98
29) 2,4-Dichlorophenol	10.420	162	75325	19.888	ng/ul	91
30) Naphthalene	10.826	128	256735	19.272	ng/ul	99
32) 4-Chloroaniline	10.937	127	111146	18.405	ng/ul	98
33) Hexachlorobutadiene	11.108	225	51094	19.055	ng/ul	95
34) Caprolactam	11.683	113	25126	16.501	ng/ul	92
35) 4-Chloro-3-methylphenol	12.053	107	89938	19.331	ng/ul	97
36) 2-Methylnaphthalene	12.430	142	170640	19.002	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.647	142	170900	18.978	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.794	216	101282	20.736	ng/ul	96
40) Hexachlorocyclopentadiene	12.776	237	34512	11.218	ng/ul	99
41) 2,4,6-Trichlorophenol	13.035	196	66562	20.106	ng/ul	99
42) 2,4,5-Trichlorophenol	13.111	196	68467	19.124	ng/ul	98
43) 1,1'-Biphenyl	13.434	154	228068	19.745	ng/ul	99
44) 2-Chloronaphthalene	13.481	162	182509	19.688	ng/ul	100
45) 2-Nitroaniline	13.681	65	61549	19.097	ng/ul	94
47) Dimethylphthalate	14.045	163	231398	18.213	ng/ul	99
48) 2,6-Dinitrotoluene	14.169	165	47979	18.397	ng/ul	94
50) Acenaphthylene	14.321	152	290002	19.460	ng/ul	98
51) 3-Nitroaniline	14.504	138	36661	16.634	ng/ul	95
52) Acenaphthene	14.662	153	197836	19.346	ng/ul	97
53) 2,4-Dinitrophenol	14.709	184	19677	14.472	ng/ul	89
55) 4-Nitrophenol	14.809	109	26913	16.260	ng/ul	91
56) Dibenzofuran	14.997	168	280538	19.299	ng/ul	99
57) 2,4-Dinitrotoluene	14.956	165	69596	18.835	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.220	232	59710	18.320	ng/ul	96
59) Diethylphthalate	15.408	149	231318	17.444	ng/ul	99
61) Fluorene	15.643	166	228866	19.189	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.632	204	120334	19.067	ng/ul	99
63) 4-Nitroaniline	15.661	138	20713m	10.491	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.720	198	36822	17.960	ng/ul#	99
67) N-Nitrosodiphenylamine	15.849	169	189684	19.305	ng/ul	98
68) 4-Bromophenyl-phenylether	16.525	248	80342	19.824	ng/ul	99
69) Hexachlorobenzene	16.648	284	88845	19.581	ng/ul	99
70) Atrazine	16.789	200	73437	18.277	ng/ul	98
71) Pentachlorophenol	16.989	266	42711m	15.679	ng/ul	
72) Phenanthrene	17.383	178	357667	19.045	ng/ul	99
74) Anthracene	17.477	178	361969	19.046	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.399	216	104368	21.315	ng/uL	98
76) Pentachlorobenzene	14.915	250	108509	20.750	ng/uL	96
77) Carbazole	17.741	167	327266	19.041	ng/ul	100
78) Di-n-butylphthalate	18.293	149	401860	18.354	ng/ul	99
80) Fluoranthene	19.392	202	426845	18.062	ng/ul	99
82) Pyrene	19.756	202	433138	18.208	ng/ul	99
83) Butylbenzylphthalate	20.632	149	179555	18.614	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.495	252	159036	20.286	ng/ul	96
85) Benzo(a)anthracene	21.578	228	439122	18.886	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.472	149	259270	18.756	ng/ul	99
87) Chrysene	21.642	228	407062	18.675	ng/ul	99
89) Di-n-octyl phthalate	22.670	149	455984	19.076	ng/ul	100
90) Benzo(b)fluoranthene	23.769	252	455573	18.912	ng/ul	98
91) Benzo(k)fluoranthene	23.834	252	447261	18.943	ng/ul	99
93) Benzo(a)pyrene	24.639	252	400549	18.786	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.423	276	501574m	17.715	ng/ul	
95) Dibenzo(a,h)anthracene	28.481	278	426984m	18.289	ng/ul	
96) Benzo(g,h,i)perylene	29.562	276	377760m	16.335	ng/ul	

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

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