Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058017.D
Acq On : 5 Jul 2023 12:27
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020493

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 05 14:19:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 04 05:09:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	80775	20.000	ng/ul	0.00
20) Naphthalene-d8	10.749	136	351709	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.580	164	228321	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.324	188	500594	20.000	ng/ul	0.00
79) Chrysene-d12	21.583	240	403935	20.000	ng/ul	0.01
88) Perylene-d12	24.750	264	505199	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	16687	7.234	ng/uL	0.00
4) Pyridine-d5	3.793	84	131530	18.782	ng/ul	0.00
7) Phenol-d5	7.112	99	170069	20.617	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.271	67	96929	19.498	ng/ul	0.00
11) 2-Chlorophenol-d4	7.482	132	117477	20.648	ng/ul	0.01
15) 4-Methylphenol-d8	8.657	113	125427	20.151	ng/ul	0.01
21) Nitrobenzene-d5	9.110	128	61605	21.491	ng/ul	0.01
24) 2-Nitrophenol-d4	9.833	143	68911	22.873	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.373	165	131082	22.681	ng/ul	0.01
31) 4-Chloroaniline-d4	10.884	131	170774	19.489	ng/ul	0.00
46) Dimethylphthalate-d6	13.981	166	356790	19.805	ng/ul	0.00
49) Acenaphthylene-d8	14.274	160	425590	21.649	ng/ul	0.00
54) 4-Nitrophenol-d4	14.791	143	59330	18.641	ng/ul	0.02
60) Fluorene-d10	15.573	176	318418	20.813	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.696	200	56022	20.610	ng/ul	0.02
73) Anthracene-d10	17.424	188	487046	20.967	ng/ul	0.01
81) Pyrene-d10	19.709	212	527450	20.733	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.539	264	544998	21.174	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	18504	6.493	ng/uL	92
5) Pyridine	3.810	79	136911	19.081	ng/ul	99
6) Benzaldehyde	7.083	77	35206	12.780	ng/ul	97
8) Phenol	7.142	94	174325	20.825	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.365	93	124964	19.334	ng/ul	99
12) 2-Chlorophenol	7.512	128	122861	20.752	ng/ul	98
13) 2-Methylphenol	8.393	108	132388	20.137	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.469	45	199888	20.090	ng/ul	99
16) Acetophenone	8.769	105	203186	19.675	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.751	70	102611	18.587	ng/ul	98
18) 4-Methylphenol	8.722	108	144646	20.348	ng/ul	96
19) Hexachloroethane	9.028	117	46675	20.565	ng/ul	98
22) Nitrobenzene	9.151	77	153735	20.659	ng/ul	97
23) Isophorone	9.674	82	304196	19.157	ng/ul	97
25) 2-Nitrophenol	9.862	139	72486	22.422	ng/ul	94
26) 2,4-Dimethylphenol	9.927	107	154091	21.197	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.150	93	175601	19.625	ng/ul	99
29) 2,4-Dichlorophenol	10.402	162	124199	22.102	ng/ul	94
30) Naphthalene	10.802	128	410198	20.753	ng/ul	99
32) 4-Chloroaniline	10.914	127	176045	19.648	ng/ul	99
33) Hexachlorobutadiene	11.078	225	86372	21.711	ng/ul	96
34) Caprolactam	11.683	113	40104m	17.751	ng/ul	
35) 4-Chloro-3-methylphenol	12.042	107	145653	21.101	ng/ul	99
36) 2-Methylnaphthalene	12.406	142	276072	20.720	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.629	142	273170	20.445	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.776	216	161094	23.153	ng/ul	99
40) Hexachlorocyclopentadiene	12.747	237	51590	11.771	ng/ul	99
41) 2,4,6-Trichlorophenol	13.017	196	112655	23.889	ng/ul	96
42) 2,4,5-Trichlorophenol	13.093	196	117518	23.042	ng/ul	99
43) 1,1'-Biphenyl	13.411	154	359523	21.850	ng/ul	99
44) 2-Chloronaphthalene	13.458	162	293863	22.253	ng/ul	99
45) 2-Nitroaniline	13.663	65	98833	21.526	ng/ul	96
47) Dimethylphthalate	14.034	163	359332	19.854	ng/ul	100
48) 2,6-Dinitrotoluene	14.157	165	79394	21.371	ng/ul	98
50) Acenaphthylene	14.304	152	453851	21.379	ng/ul	98
51) 3-Nitroaniline	14.486	138	63074	20.090	ng/ul	99
52) Acenaphthene	14.645	153	311643	21.394	ng/ul	98
53) 2,4-Dinitrophenol	14.692	184	33771	17.436	ng/ul	97
55) 4-Nitrophenol	14.803	109	46004	19.511	ng/ul	86
56) Dibenzofuran	14.979	168	433646	20.942	ng/ul	100
57) 2,4-Dinitrotoluene	14.944	165	108783	20.667	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.209	232	101501	21.862	ng/ul#	99
59) Diethylphthalate	15.391	149	361761	19.151	ng/ul	98
61) Fluorene	15.626	166	344162	20.256	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.614	204	186778	20.776	ng/ul	98
63) 4-Nitroaniline	15.643	138	36632	13.025	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.708	198	56380	20.282	ng/ul	100
67) N-Nitrosodiphenylamine	15.831	169	296703	22.271	ng/ul	98
68) 4-Bromophenyl-phenylether	16.513	248	128410	23.369	ng/ul	96
69) Hexachlorobenzene	16.630	284	138021	22.435	ng/ul	100
70) Atrazine	16.777	200	112438	20.639	ng/ul	94
71) Pentachlorophenol	16.977	266	77985	21.114	ng/ul	98
72) Phenanthrene	17.365	178	529392	20.790	ng/ul	99
74) Anthracene	17.459	178	535178	20.769	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.381	216	167373	25.210	ng/uL	98
76) Pentachlorobenzene	14.897	250	171286	24.157	ng/uL	98
77) Carbazole	17.729	167	485817	20.846	ng/ul	99
78) Di-n-butylphthalate	18.276	149	605925	20.411	ng/ul	99
80) Fluoranthene	19.374	202	609272	20.668	ng/ul	100
82) Pyrene	19.739	202	614660	20.714	ng/ul	98
83) Butylbenzylphthalate	20.620	149	259646	21.579	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.478	252	220491	22.548	ng/ul	97
85) Benzo(a)anthracene	21.560	228	610179	21.038	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.460	149	374650	21.728	ng/ul	99
87) Chrysene	21.625	228	582053	21.408	ng/ul	99
89) Di-n-octyl phthalate	22.653	149	664607	21.411	ng/ul	100
90) Benzo(b)fluoranthene	23.746	252	653086	20.878	ng/ul	99
91) Benzo(k)fluoranthene	23.810	252	642946	20.970	ng/ul	100
93) Benzo(a)pyrene	24.609	252	568763	20.543	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.376	276	636608m	17.315	ng/ul	
95) Dibenzo(a,h)anthracene	28.434	278	562541	18.555	ng/ul	99
96) Benzo(g,h,i)perylene	29.509	276	440429	14.666	ng/ul	99

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

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