Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070123\
Data File : BG057937.D
Acq On : 1 Jul 2023 11:10
Operator : CG/JU
Sample : SSTD00586
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD005435

Quant Time: Jul 02 07:20:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 07:09:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	43883	20.000	ng/ul	0.00
20) Naphthalene-d8	10.735	136	198953	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.565	164	143114	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.309	188	344388	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	292145	20.000	ng/ul	0.00
88) Perylene-d12	24.712	264	339930	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.367	96	2392	1.909	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.462	132	13863	4.485	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.089	128	6802	4.195	ng/ul	0.00
24) 2-Nitrophenol-d4	9.812	143	6449	3.784	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.353	165	14001	4.283	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.966	166	52022	4.607	ng/ul	0.00
49) Acenaphthylene-d8	14.260	160	56435	4.580	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.552	176	44600	4.651	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.403	188	75759	4.741	ng/ul	0.00
81) Pyrene-d10	19.695	212	88456	4.808	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.495	264	80014	4.620	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.402	88	3092	1.997	ng/uL	93
12) 2-Chlorophenol	7.491	128	14585	4.534	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.731	70	13617	4.540	ng/ul	93
19) Hexachloroethane	9.013	117	5643	4.576	ng/ul	91
22) Nitrobenzene	9.136	77	18665	4.434	ng/ul	91
23) Isophorone	9.648	82	41401	4.609	ng/ul	97
25) 2-Nitrophenol	9.841	139	7479	4.090	ng/ul	97
26) 2,4-Dimethylphenol	9.900	107	18399	4.474	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.135	93	23315	4.606	ng/ul	94
29) 2,4-Dichlorophenol	10.382	162	13908	4.375	ng/ul	97
30) Naphthalene	10.782	128	51611	4.616	ng/ul	100
33) Hexachlorobutadiene	11.064	225	10331	4.591	ng/ul	93
35) 4-Chloro-3-methylphenol	12.015	107	16993	4.352	ng/ul	99
36) 2-Methylnaphthalene	12.391	142	34757	4.612	ng/ul	99
37) 1-Methylnaphthalene	12.609	142	34937	4.623	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.756	216	19742	4.527	ng/ul	98
41) 2,4,6-Trichlorophenol	12.997	196	12414	4.200	ng/ul	94
42) 2,4,5-Trichlorophenol	13.073	196	13343	4.174	ng/ul	95
43) 1,1'-Biphenyl	13.396	154	47916	4.646	ng/ul	98
44) 2-Chloronaphthalene	13.437	162	38406	4.640	ng/ul	94
45) 2-Nitroaniline	13.643	65	11851	4.118	ng/ul	89
47) Dimethylphthalate	14.013	163	53729	4.736	ng/ul	99
48) 2,6-Dinitrotoluene	14.136	165	9734	4.180	ng/ul	95
50) Acenaphthylene	14.283	152	61540	4.625	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.630	153	42479	4.652	ng/ul	100
56) Dibenzofuran	14.959	168	60654	4.673	ng/ul	95
57) 2,4-Dinitrotoluene	14.918	165	13789	4.179	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.188	232	12604	4.331	ng/ul#	97
59) Diethylphthalate	15.376	149	56318	4.756	ng/ul	97
61) Fluorene	15.611	166	50773	4.768	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.605	204	26557	4.713	ng/ul	97
67) N-Nitrosodiphenylamine	15.817	169	43752	4.774	ng/ul	96
68) 4-Bromophenyl-phenylether	16.492	248	17143	4.535	ng/ul	92
69) Hexachlorobenzene	16.610	284	19595	4.630	ng/ul	98
72) Phenanthrene	17.350	178	84772	4.839	ng/ul	98
74) Anthracene	17.438	178	86342	4.871	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.367	216	20692	4.530	ng/uL	93
76) Pentachlorobenzene	14.883	250	22928	4.700	ng/uL	92
78) Di-n-butylphthalate	18.267	149	94894	4.646	ng/ul	99
80) Fluoranthene	19.360	202	104341	4.894	ng/ul	98
82) Pyrene	19.718	202	105991	4.939	ng/ul	98
83) Butylbenzylphthalate	20.605	149	40279	4.628	ng/ul	98
85) Benzo(a)anthracene	21.540	228	100767	4.804	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.451	149	59997	4.811	ng/ul	99
87) Chrysene	21.604	228	92131	4.685	ng/ul	99
90) Benzo(b)fluoranthene	23.708	252	97014	4.609	ng/ul	97
91) Benzo(k)fluoranthene	23.778	252	100244	4.859	ng/ul	98
93) Benzo(a)pyrene	24.565	252	86621	4.650	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.302	276	113535	4.589	ng/ul	95
95) Dibenzo(a,h)anthracene	28.361	278	92692	4.544	ng/ul	99
96) Benzo(g,h,i)perylene	29.424	276	94771	4.690	ng/ul	97

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

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