Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081424\
Data File : BG062390.D
Acq On : 14 Aug 2024 11:30
Operator : MA/JU
Sample : SSTD00546
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD005431

Quant Time: Aug 14 15:20:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 15:13:32 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	44558	20.000	ng/ul	0.00
20) Naphthalene-d8	10.755	136	194270	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.579	164	145726	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.316	188	351351	20.000	ng/ul	0.00
79) Chrysene-d12	21.564	240	407258	20.000	ng/ul	0.00
88) Perylene-d12	24.654	264	454903	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.418	96	2319	2.145	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	7.494	132	12915	4.244	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.116	128	4584	3.777	ng/ul	0.00
24) 2-Nitrophenol-d4	9.832	143	4209	3.651	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.367	165	12635	3.877	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.986	166	51304	4.547	ng/ul	0.00
49) Acenaphthylene-d8	14.268	160	57940	4.559	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.572	176	47565	4.696	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.416	188	79016	4.685	ng/ul	0.00
81) Pyrene-d10	19.701	212	108147	4.456	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.436	264	111259	4.592	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.459	88	2529	2.178	ng/uL#	75
12) 2-Chlorophenol	7.524	128	13017	4.048	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.757	70	13128	4.307	ng/ul	97
19) Hexachloroethane	9.039	117	5541	4.548	ng/ul	92
22) Nitrobenzene	9.151	77	13917	4.066	ng/ul	95
23) Isophorone	9.674	82	37648	4.565	ng/ul	99
25) 2-Nitrophenol	9.868	139	4311	3.168	ng/ul#	78
26) 2,4-Dimethylphenol	9.921	107	16133	4.137	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.161	93	21772	4.697	ng/ul	93
29) 2,4-Dichlorophenol	10.396	162	13555	4.086	ng/ul	88
30) Naphthalene	10.802	128	52586	4.754	ng/ul	97
33) Hexachlorobutadiene	11.095	225	11595	4.639	ng/ul	97
35) 4-Chloro-3-methylphenol	12.024	107	14622	3.893	ng/ul	97
36) 2-Methylnaphthalene	12.405	142	36117	4.700	ng/ul	98
37) 1-Methylnaphthalene	12.623	142	37192	4.693	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.776	216	23511	4.945	ng/ul#	91
41) 2,4,6-Trichlorophenol	13.011	196	11266	4.078	ng/ul	96
42) 2,4,5-Trichlorophenol	13.075	196	10689	3.625	ng/ul	93
43) 1,1'-Biphenyl	13.416	154	52505	4.798	ng/ul	98
44) 2-Chloronaphthalene	13.451	162	40038	4.716	ng/ul	95
45) 2-Nitroaniline	13.645	65	6996	3.200	ng/ul	99
47) Dimethylphthalate	14.033	163	52946	4.671	ng/ul#	98
48) 2,6-Dinitrotoluene	14.144	165	5530	3.567	ng/ul	90
50) Acenaphthylene	14.297	152	62899	4.647	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.644	153	47717	4.719	ng/ul	97
56) Dibenzofuran	14.978	168	66613	4.768	ng/ul	99
57) 2,4-Dinitrotoluene	14.926	165	8006	3.650	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.196	232	10862	4.028	ng/ul#	96
59) Diethylphthalate	15.396	149	51654	4.506	ng/ul	99
61) Fluorene	15.625	166	54038	4.917	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.619	204	27651	4.885	ng/ul	97
67) N-Nitrosodiphenylamine	15.830	169	46805	4.483	ng/ul	100
68) 4-Bromophenyl-phenylether	16.512	248	17731	4.470	ng/ul	96
69) Hexachlorobenzene	16.629	284	21323	4.599	ng/ul	96
72) Phenanthrene	17.363	178	94635	4.796	ng/ul	99
74) Anthracene	17.452	178	94820	4.680	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.375	216	23602	4.590	ng/ul	92
76) Pentachlorobenzene	14.896	250	25301	4.668	ng/ul	96
78) Di-n-butylphthalate	18.286	149	87663	4.413	ng/ul	100
80) Fluoranthene	19.367	202	119521	4.342	ng/ul	99
82) Pyrene	19.731	202	130818	4.462	ng/ul	99
83) Butylbenzylphthalate	20.624	149	37773	3.762	ng/ul	99
85) Benzo(a)anthracene	21.540	228	139318	4.664	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.470	149	56193	3.653	ng/ul#	99
87) Chrysene	21.605	228	135211	4.793	ng/ul	100
90) Benzo(b)fluoranthene	23.673	252	126060	4.581	ng/ul	99
91) Benzo(k)fluoranthene	23.737	252	129665	4.616	ng/ul	99
93) Benzo(a)pyrene	24.507	252	121726	4.660	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.131	276	148231	4.405	ng/ul	99
95) Dibenzo(a,h)anthracene	28.202	278	120871	4.388	ng/ul	97
96) Benzo(g,h,i)perylene	29.218	276	114833	4.481	ng/ul	98

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

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