Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021425\
Data File : BM049656.D
Acq On : 14 Feb 2025 12:18
Operator : RC/JU
Sample : SSTD00578
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD005020

Quant Time: Feb 18 11:45:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM021425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 18 11:46:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	202479	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	712720	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	451411	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	894121	20.000	ng/ul	0.00
79) Chrysene-d12	21.421	240	852624	20.000	ng/ul	0.00
88) Perylene-d12	24.438	264	933279	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	10502	1.979	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	7.345	132	50226	4.159	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.963	128	23780	4.439	ng/ul	0.00
24) 2-Nitrophenol-d4	9.686	143	20682	3.811	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.233	165	47190	4.003	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.857	166	150077	4.500	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	167283	4.281	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.439	176	127371	4.362	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.286	188	192445	4.224	ng/ul	0.00
81) Pyrene-d10	19.574	212	201898	4.269	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.227	264	191924	3.858	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	10505	1.902	ng/uL	96
12) 2-Chlorophenol	7.381	128	56376	4.439	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.616	70	44906	4.186	ng/ul	98
19) Hexachloroethane	8.898	117	27131	4.756	ng/ul	96
22) Nitrobenzene	9.010	77	66163	4.631	ng/ul	95
23) Isophorone	9.539	82	110837	4.285	ng/ul	98
25) 2-Nitrophenol	9.716	139	24568	4.003	ng/ul	98
26) 2,4-Dimethylphenol	9.786	107	53780	4.480	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.016	93	73660	4.560	ng/ul	100
29) 2,4-Dichlorophenol	10.257	162	51501	4.300	ng/ul	94
30) Naphthalene	10.657	128	173047	4.625	ng/ul	99
33) Hexachlorobutadiene	10.951	225	39300	4.614	ng/ul	99
35) 4-Chloro-3-methylphenol	11.892	107	42202	3.969	ng/ul	95
36) 2-Methylnaphthalene	12.269	142	115285	4.394	ng/ul	96
37) 1-Methylnaphthalene	12.486	142	112652	4.336	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.639	216	69917	4.402	ng/ul	99
41) 2,4,6-Trichlorophenol	12.880	196	34503	3.882	ng/ul	99
42) 2,4,5-Trichlorophenol	12.951	196	39044	4.011	ng/ul	95
43) 1,1'-Biphenyl	13.280	154	156349	4.555	ng/ul	98
44) 2-Chloronaphthalene	13.322	162	127235	4.638	ng/ul	98
45) 2-Nitroaniline	13.522	65	27466	3.916	ng/ul	95
47) Dimethylphthalate	13.904	163	152540	4.583	ng/ul	100
48) 2,6-Dinitrotoluene	14.016	165	22835	3.850	ng/ul	94
50) Acenaphthylene	14.169	152	177443	4.396	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.510	153	131761	4.536	ng/ul	99
56) Dibenzofuran	14.845	168	185671	4.568	ng/ul	99
57) 2,4-Dinitrotoluene	14.804	165	32053	3.691	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.074	232	28275	3.734	ng/ul#	96
59) Diethylphthalate	15.268	149	142901	4.447	ng/ul	99
61) Fluorene	15.498	166	151656	4.274	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.492	204	76854	4.123	ng/ul	97
67) N-Nitrosodiphenylamine	15.704	169	119171	4.330	ng/ul	98
68) 4-Bromophenyl-phenylether	16.386	248	42155	4.181	ng/ul	95
69) Hexachlorobenzene	16.498	284	51480	4.367	ng/ul	92
72) Phenanthrene	17.227	178	228467	4.390	ng/ul	99
74) Anthracene	17.321	178	222513	4.231	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.245	216	67773	4.436	ng/uL	97
76) Pentachlorobenzene	14.769	250	64828	4.329	ng/uL	95
78) Di-n-butylphthalate	18.162	149	206623	3.904	ng/ul	99
80) Fluoranthene	19.245	202	238636	4.365	ng/ul	100
82) Pyrene	19.603	202	262955	4.392	ng/ul	98
83) Butylbenzylphthalate	20.509	149	78202	3.917	ng/ul	99
85) Benzo(a)anthracene	21.403	228	255795	4.333	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.339	149	119736	3.750	ng/ul	100
87) Chrysene	21.468	228	238090	4.381	ng/ul	99
90) Benzo(b)fluoranthene	23.486	252	244394	4.009	ng/ul	99
91) Benzo(k)fluoranthene	23.544	252	242114	3.918	ng/ul	99
93) Benzo(a)pyrene	24.291	252	221272	3.920	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.821	276	288275	4.106	ng/ul	97
95) Dibenzo(a,h)anthracene	27.891	278	233649	4.059	ng/ul	98
96) Benzo(g,h,i)perylene	28.879	276	235023	4.377	ng/ul	97

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

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