Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011325\
Data File : BM049335.D
Acq On : 13 Jan 2025 13:05
Operator : RC/JU
Sample : SSTD00566
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD005006

Quant Time: Jan 13 15:23:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 15:05:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	242787	20.000	ng/ul	0.00
20) Naphthalene-d8	10.286	136	936243	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.163	164	651398	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.915	188	1399491	20.000	ng/ul	0.00
79) Chrysene-d12	21.144	240	1499134	20.000	ng/ul	0.00
88) Perylene-d12	23.932	264	1585680	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	11295	1.659	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	7.063	132	67463	4.275	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.669	128	30255	4.373	ng/ul	0.00
24) 2-Nitrophenol-d4	9.380	143	30803	4.560	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.916	165	67789	4.791	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.586	166	222026	4.761	ng/ul	0.00
49) Acenaphthylene-d8	13.851	160	238693	4.254	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.162	176	187871	4.642	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.015	188	303194	4.310	ng/ul	0.00
81) Pyrene-d10	19.315	212	360607	4.112	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.738	264	345063	4.097	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.151	88	13641	1.860	ng/uL#	86
12) 2-Chlorophenol	7.098	128	71770	4.328	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.328	70	61007	4.512	ng/ul	96
19) Hexachloroethane	8.581	117	32139	4.478	ng/ul	95
22) Nitrobenzene	8.710	77	83726	4.465	ng/ul	93
23) Isophorone	9.233	82	159550	4.715	ng/ul	99
25) 2-Nitrophenol	9.410	139	36198	4.630	ng/ul	94
26) 2,4-Dimethylphenol	9.486	107	73830	4.705	ng/ul	93
27) Bis(2-Chloroethoxy)met...	9.722	93	99507	4.640	ng/ul	99
29) 2,4-Dichlorophenol	9.945	162	69868	4.841	ng/ul	99
30) Naphthalene	10.333	128	228399	4.515	ng/ul	99
33) Hexachlorobutadiene	10.627	225	53990	5.583	ng/ul	100
35) 4-Chloro-3-methylphenol	11.592	107	62984	4.566	ng/ul	100
36) 2-Methylnaphthalene	11.957	142	159003	4.826	ng/ul	99
37) 1-Methylnaphthalene	12.180	142	157792	4.794	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.333	216	101217	4.820	ng/ul	96
41) 2,4,6-Trichlorophenol	12.586	196	57254	4.760	ng/ul	95
42) 2,4,5-Trichlorophenol	12.657	196	60197	4.573	ng/ul	98
43) 1,1'-Biphenyl	12.992	154	214414	4.282	ng/ul	99
44) 2-Chloronaphthalene	13.027	162	174408	4.381	ng/ul	98
45) 2-Nitroaniline	13.245	65	38935	3.775	ng/ul	96
47) Dimethylphthalate	13.633	163	224724	4.834	ng/ul	98
48) 2,6-Dinitrotoluene	13.745	165	34260	4.244	ng/ul	89
50) Acenaphthylene	13.880	152	255382	4.248	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.227	153	183267	4.283	ng/ul	99
56) Dibenzofuran	14.568	168	269528	4.619	ng/ul	99
57) 2,4-Dinitrotoluene	14.539	165	53433	4.498	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.798	232	53371	5.334	ng/ul	99
59) Diethylphthalate	15.010	149	212912	4.739	ng/ul	99
61) Fluorene	15.215	166	212976	4.404	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.221	204	117166	4.865	ng/ul	98
67) N-Nitrosodiphenylamine	15.439	169	179647	4.149	ng/ul	99
68) 4-Bromophenyl-phenylether	16.115	248	65809	4.518	ng/ul	98
69) Hexachlorobenzene	16.221	284	82339	4.753	ng/ul	97
72) Phenanthrene	16.956	178	347596	4.235	ng/ul	99
74) Anthracene	17.045	178	345821	4.185	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.951	216	97641	4.169	ng/uL	100
76) Pentachlorobenzene	14.486	250	100469	4.398	ng/uL	97
78) Di-n-butylphthalate	17.903	149	370924	4.596	ng/ul	99
80) Fluoranthene	18.986	202	414042	4.035	ng/ul	99
82) Pyrene	19.345	202	455399	4.051	ng/ul	97
83) Butylbenzylphthalate	20.280	149	151606	4.268	ng/ul	94
85) Benzo(a)anthracene	21.127	228	466292	4.504	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.086	149	229579	4.451	ng/ul	98
87) Chrysene	21.186	228	425865	4.385	ng/ul	99
90) Benzo(b)fluoranthene	23.056	252	439185	4.204	ng/ul	99
91) Benzo(k)fluoranthene	23.115	252	436667	4.146	ng/ul	99
93) Benzo(a)pyrene	23.797	252	401006	4.156	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.015	276	464269	4.007	ng/ul	98
95) Dibenzo(a,h)anthracene	27.073	278	375420	3.966	ng/ul	99
96) Benzo(g,h,i)perylene	27.973	276	351409	3.989	ng/ul	100

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

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