Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048102.D
Acq On : 17 Oct 2024 11:47
Operator : RC/JU
Sample : SSTD00542
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD005027

Quant Time: Oct 17 14:53:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 14:37:21 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	287026	20.000	ng/ul	0.00
20) Naphthalene-d8	10.563	136	1092544	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.410	164	651607	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.151	188	1276350	20.000	ng/ul	0.00
79) Chrysene-d12	21.374	240	1144186	20.000	ng/ul	0.00
88) Perylene-d12	24.368	264	1294510	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	15263	1.776	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	7.310	132	91908	4.631	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.928	128	41486	4.708	ng/ul	0.00
24) 2-Nitrophenol-d4	9.651	143	44506	5.050	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.192	165	83466	4.916	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.816	166	223910	4.720	ng/ul	0.00
49) Acenaphthylene-d8	14.104	160	261794	4.662	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.404	176	193202	4.718	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.245	188	285406	4.548	ng/ul	0.00
81) Pyrene-d10	19.539	212	327137	4.937	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.156	264	325442	4.786	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	15409	1.653	ng/uL	92
12) 2-Chlorophenol	7.340	128	93591	4.494	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.575	70	61036	3.520	ng/ul	99
19) Hexachloroethane	8.851	117	41192	4.439	ng/ul	97
22) Nitrobenzene	8.969	77	91923	3.847	ng/ul	97
23) Isophorone	9.498	82	177420	4.119	ng/ul	99
25) 2-Nitrophenol	9.681	139	48725	4.949	ng/ul	97
26) 2,4-Dimethylphenol	9.745	107	87040	4.297	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.975	93	113772	4.311	ng/ul	98
29) 2,4-Dichlorophenol	10.222	162	83079	4.777	ng/ul	99
30) Naphthalene	10.616	128	292389	4.670	ng/ul	99
33) Hexachlorobutadiene	10.898	225	56081	4.859	ng/ul	99
35) 4-Chloro-3-methylphenol	11.857	107	78580	4.429	ng/ul	98
36) 2-Methylnaphthalene	12.228	142	187177	4.665	ng/ul	99
37) 1-Methylnaphthalene	12.445	142	188798	4.644	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.598	216	99076	4.659	ng/ul	99
41) 2,4,6-Trichlorophenol	12.845	196	62947	5.006	ng/ul	99
42) 2,4,5-Trichlorophenol	12.922	196	67075	4.905	ng/ul	100
43) 1,1'-Biphenyl	13.239	154	232207	4.461	ng/ul	100
44) 2-Chloronaphthalene	13.286	162	188432	4.668	ng/ul	98
45) 2-Nitroaniline	13.492	65	44919	3.645	ng/ul	99
47) Dimethylphthalate	13.863	163	225368	4.704	ng/ul	98
48) 2,6-Dinitrotoluene	13.986	165	38635	4.483	ng/ul	90
50) Acenaphthylene	14.133	152	286556	4.548	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.474	153	201138	4.536	ng/ul	99
56) Dibenzofuran	14.810	168	275508	4.598	ng/ul	99
57) 2,4-Dinitrotoluene	14.780	165	56919	4.448	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.039	232	55461	5.117	ng/ul	98
59) Diethylphthalate	15.227	149	223254	4.656	ng/ul	98
61) Fluorene	15.457	166	223970	4.546	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.451	204	109698	4.654	ng/ul	99
67) N-Nitrosodiphenylamine	15.663	169	182080	4.599	ng/ul	98
68) 4-Bromophenyl-phenylether	16.345	248	64994	4.849	ng/ul	98
69) Hexachlorobenzene	16.463	284	78027	4.987	ng/ul	97
72) Phenanthrene	17.192	178	334540	4.510	ng/ul	100
74) Anthracene	17.280	178	333346	4.407	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.210	216	99152	4.656	ng/uL	98
76) Pentachlorobenzene	14.733	250	102488	4.916	ng/uL	97
78) Di-n-butylphthalate	18.115	149	390873	4.985	ng/ul	99
80) Fluoranthene	19.204	202	376460	4.839	ng/ul	99
82) Pyrene	19.568	202	412030	4.792	ng/ul	99
83) Butylbenzylphthalate	20.462	149	170841	5.372	ng/ul	98
85) Benzo(a)anthracene	21.356	228	396018	4.886	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.274	149	255171	5.373	ng/ul	99
87) Chrysene	21.421	228	376351	4.797	ng/ul	98
90) Benzo(b)fluoranthene	23.415	252	388300	4.783	ng/ul	98
91) Benzo(k)fluoranthene	23.480	252	384823	4.629	ng/ul	99
93) Benzo(a)pyrene	24.221	252	358750	4.654	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.727	276	457212	4.620	ng/ul	99
95) Dibenzo(a,h)anthracene	27.779	278	369047	4.549	ng/ul	99
96) Benzo(g,h,i)perylene	28.779	276	353404	4.573	ng/ul	99

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

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