Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042704.D
Acq On : 13 Nov 2023 12:39
Operator : MA/JU
Sample : SSTD00563
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD005027

Quant Time: Nov 13 16:32:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 13 16:28:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	27857	20.000	ng/ul		0.00
20) Naphthalene-d8	10.651	136	111231	20.000	ng/ul	#	0.00
38) Acenaphthene-d10	14.498	164	76113	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.251	188	173021	20.000	ng/ul		0.00
79) Chrysene-d12	21.433	240	186004	20.000	ng/ul		0.00
88) Perylene-d12	23.803	264	216931	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.187	96	2073	2.335	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	7.363	132	10967	5.242	ng/ul		0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul		
21) Nitrobenzene-d5	9.045	128	4817	4.939	ng/ul		0.00
24) 2-Nitrophenol-d4	9.757	143	5758	5.047	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.286	165	10109	4.766	ng/ul		0.01
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul		
46) Dimethylphthalate-d6	13.916	166	39853	5.532	ng/ul		0.00
49) Acenaphthylene-d8	14.198	160	41078	5.330	ng/ul		0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul		
60) Fluorene-d10	15.492	176	32697	5.481	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul		
73) Anthracene-d10	17.351	188	53039	5.470	ng/ul		0.00
81) Pyrene-d10	19.645	212	64211	5.272	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.650	264	70880	5.462	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.222	88	2254	2.384	ng/uL		88
12) 2-Chlorophenol	7.398	128	10929	5.249	ng/ul		96
17) N-Nitroso-di-n-propyla...	8.657	70	11424	5.228	ng/ul	#	94
19) Hexachloroethane	8.892	117	6677	5.754	ng/ul		84
22) Nitrobenzene	9.087	77	15110	5.126	ng/ul		96
23) Isophorone	9.586	82	31426	5.353	ng/ul		99
25) 2-Nitrophenol	9.786	139	5842	5.040	ng/ul		94
26) 2,4-Dimethylphenol	9.828	107	12534	5.054	ng/ul		99
27) Bis(2-Chloroethoxy)met...	10.081	93	15400	5.191	ng/ul		96
29) 2,4-Dichlorophenol	10.310	162	9874	4.916	ng/ul		93
30) Naphthalene	10.704	128	38853	5.576	ng/ul		96
33) Hexachlorobutadiene	10.928	225	9616	5.420	ng/ul		91
35) 4-Chloro-3-methylphenol	11.963	107	10375	4.821	ng/ul		97
36) 2-Methylnaphthalene	12.316	142	23676	5.069	ng/ul		91
37) 1-Methylnaphthalene	12.539	142	26462	5.389	ng/ul	#	95
39) 1,2,4,5-Tetrachloroben...	12.669	216	16354	5.479	ng/ul		94
41) 2,4,6-Trichlorophenol	12.933	196	9271	5.085	ng/ul		100
42) 2,4,5-Trichlorophenol	13.010	196	7514	4.268	ng/ul		94
43) 1,1'-Biphenyl	13.333	154	33801	5.325	ng/ul		95
44) 2-Chloronaphthalene	13.380	162	26952	5.278	ng/ul		97
45) 2-Nitroaniline	13.633	65	7320	4.395	ng/ul		96
47) Dimethylphthalate	13.963	163	37618	5.362	ng/ul		99
48) 2,6-Dinitrotoluene	14.116	165	6584	4.995	ng/ul		97
50) Acenaphthylene	14.227	152	46816	5.421	ng/ul		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.563	153	32388	5.545	ng/ul	94
56) Dibenzofuran	14.898	168	43014	5.306	ng/ul	95
57) 2,4-Dinitrotoluene	14.904	165	9265	4.788	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.121	232	9877	5.404	ng/ul#	93
59) Diethylphthalate	15.310	149	40055	5.444	ng/ul	97
61) Fluorene	15.545	166	36087	5.243	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.539	204	19088	5.146	ng/ul	99
67) N-Nitrosodiphenylamine	15.763	169	29486	5.434	ng/ul	96
68) 4-Bromophenyl-phenylether	16.439	248	12511	5.432	ng/ul	88
69) Hexachlorobenzene	16.515	284	15268	5.423	ng/ul	96
72) Phenanthrene	17.292	178	58905	5.450	ng/ul	99
74) Anthracene	17.386	178	58915	5.419	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.286	216	16358	5.347	ng/uL	98
76) Pentachlorobenzene	14.792	250	16940	5.277	ng/uL	91
78) Di-n-butylphthalate	18.192	149	70646	5.381	ng/ul	98
80) Fluoranthene	19.309	202	74493	5.364	ng/ul	100
82) Pyrene	19.674	202	79587	5.405	ng/ul	97
83) Butylbenzylphthalate	20.556	149	33857	5.383	ng/ul	96
85) Benzo(a)anthracene	21.415	228	78972	5.409	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.297	149	51841	5.433	ng/ul	99
87) Chrysene	21.468	228	76325	5.390	ng/ul	98
90) Benzo(b)fluoranthene	23.074	252	77784	5.254	ng/ul#	96
91) Benzo(k)fluoranthene	23.121	252	87645	5.561	ng/ul	99
93) Benzo(a)pyrene	23.697	252	77015	5.339	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.280	276	94863	5.291	ng/ul	98
95) Dibenzo(a,h)anthracene	26.297	278	77167	5.192	ng/ul	99
96) Benzo(g,h,i)perylene	27.050	276	79049	5.553	ng/ul	100

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

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