Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101223\
Data File : BM042273.D
Acq On : 12 Oct 2023 10:43
Operator : MA/JU
Sample : SSTD00557
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD005020

Quant Time: Oct 12 15:20:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 15:19:22 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	129315	20.000	ng/ul	0.00
20) Naphthalene-d8	10.839	136	578712	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.657	164	365525	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.409	188	788985	20.000	ng/ul	0.00
79) Chrysene-d12	21.592	240	762413	20.000	ng/ul	0.00
88) Perylene-d12	24.068	264	865490	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	8359	2.167	ng/uL	0.00
4) Pyridine-d5	3.810	84	58151	5.672	ng/ul	0.00
7) Phenol-d5	7.163	99	60825	4.976	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	47755	5.862	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	43034	4.637	ng/ul	0.00
15) 4-Methylphenol-d8	8.722	113	45794	4.839	ng/ul	0.00
21) Nitrobenzene-d5	9.210	128	20881	4.413	ng/ul	0.00
24) 2-Nitrophenol-d4	9.928	143	20209	3.862	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	40319	4.457	ng/ul	0.00
31) 4-Chloroaniline-d4	10.998	131	66466	4.949	ng/ul	0.00
46) Dimethylphthalate-d6	14.069	166	146524	4.929	ng/ul	0.00
49) Acenaphthylene-d8	14.357	160	152038	4.469	ng/ul	0.00
54) 4-Nitrophenol-d4	14.868	143	23908	5.363	ng/ul	0.00
60) Fluorene-d10	15.645	176	120385	4.917	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.774	200	16512	3.102	ng/ul	0.00
73) Anthracene-d10	17.509	188	179717	4.632	ng/ul	0.00
81) Pyrene-d10	19.798	212	202184	4.433	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.903	264	195621	4.218	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	8712	2.156	ng/uL	98
5) Pyridine	3.834	79	62015	5.637	ng/ul	98
6) Benzaldehyde	7.175	77	40260	7.128	ng/ul	96
8) Phenol	7.192	94	64481	5.061	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.445	93	58378	5.623	ng/ul	96
12) 2-Chlorophenol	7.569	128	45519	4.794	ng/ul	97
13) 2-Methylphenol	8.457	108	44007	4.616	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.528	45	64701	4.054	ng/ul	97
16) Acetophenone	8.863	105	80387	5.101	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.828	70	46969	5.438	ng/ul	97
18) 4-Methylphenol	8.786	108	49295	4.783	ng/ul	95
19) Hexachloroethane	9.081	117	19317	4.409	ng/ul	93
22) Nitrobenzene	9.257	77	62485	5.054	ng/ul	96
23) Isophorone	9.763	82	115552	4.641	ng/ul	97
25) 2-Nitrophenol	9.957	139	24343	4.469	ng/ul	97
26) 2,4-Dimethylphenol	9.992	107	54249	4.680	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.251	93	81572	5.715	ng/ul	99
29) 2,4-Dichlorophenol	10.475	162	40493	4.607	ng/ul	98
30) Naphthalene	10.886	128	160468	4.879	ng/ul	99
32) 4-Chloroaniline	11.022	127	67073	5.025	ng/ul	99
33) Hexachlorobutadiene	11.116	225	23700	4.000	ng/ul	98
34) Caprolactam	11.827	113	13134	4.131	ng/ul	96
35) 4-Chloro-3-methylphenol	12.116	107	48831	4.771	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.492	142	109427	5.189	ng/ul	98
37) 1-Methylnaphthalene	12.710	142	112077	5.226	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.839	216	49476	4.341	ng/ul	93
40) Hexachlorocyclopentadiene	12.786	237	22595	5.346	ng/ul	98
41) 2,4,6-Trichlorophenol	13.092	196	31129	4.218	ng/ul	96
42) 2,4,5-Trichlorophenol	13.163	196	33484	4.332	ng/ul	96
43) 1,1'-Biphenyl	13.492	154	147793	4.982	ng/ul	98
44) 2-Chloronaphthalene	13.545	162	112620	4.895	ng/ul	97
45) 2-Nitroaniline	13.774	65	32944	4.565	ng/ul	98
47) Dimethylphthalate	14.116	163	148184	4.991	ng/ul	99
48) 2,6-Dinitrotoluene	14.263	165	21038	3.628	ng/ul#	91
50) Acenaphthylene	14.386	152	178482	4.756	ng/ul	100
51) 3-Nitroaniline	14.604	138	24570	4.481	ng/ul	100
52) Acenaphthene	14.721	153	126545	4.959	ng/ul	97
53) 2,4-Dinitrophenol	14.804	184	9532	3.103	ng/ul	92
55) 4-Nitrophenol	14.880	109	19577	5.404	ng/ul	98
56) Dibenzofuran	15.057	168	173040	4.985	ng/ul	96
57) 2,4-Dinitrotoluene	15.039	165	32518	3.913	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.268	232	27019	4.026	ng/ul	89
59) Diethylphthalate	15.463	149	149734	4.891	ng/ul	99
61) Fluorene	15.704	166	142822	4.956	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.692	204	64731	4.641	ng/ul	94
63) 4-Nitroaniline	15.762	138	23909	5.339	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.786	198	19650	3.743	ng/ul#	92
67) N-Nitrosodiphenylamine	15.915	169	115339	4.787	ng/ul	99
68) 4-Bromophenyl-phenylether	16.592	248	35891	4.247	ng/ul	100
69) Hexachlorobenzene	16.674	284	41253	4.218	ng/ul	97
70) Atrazine	16.862	200	32075	3.694	ng/ul	99
71) Pentachlorophenol	17.033	266	20499	3.856	ng/ul	96
72) Phenanthrene	17.451	178	228625	5.010	ng/ul	100
74) Anthracene	17.545	178	223838	4.839	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.451	216	50764	4.196	ng/uL	98
76) Pentachlorobenzene	14.951	250	50594	4.286	ng/uL	96
77) Carbazole	17.827	167	201819	4.821	ng/ul	99
78) Di-n-butylphthalate	18.351	149	247809	4.482	ng/ul	100
80) Fluoranthene	19.462	202	242915	4.536	ng/ul	98
82) Pyrene	19.827	202	262108	4.614	ng/ul#	93
83) Butylbenzylphthalate	20.709	149	98656	3.813	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.515	252	71892	3.865	ng/ul	97
85) Benzo(a)anthracene	21.574	228	258299	4.733	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.456	149	146949	3.768	ng/ul	98
87) Chrysene	21.627	228	242944	4.655	ng/ul	100
89) Di-n-octyl phthalate	22.403	149	263513	3.662	ng/ul	100
90) Benzo(b)fluoranthene	23.297	252	247460	4.332	ng/ul	98
91) Benzo(k)fluoranthene	23.350	252	252211	4.415	ng/ul	97
93) Benzo(a)pyrene	23.956	252	232529	4.511	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.662	276	285579	4.324	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.679	278	233886	4.279	ng/ul	98
96) Benzo(g,h,i)perylene	27.474	276	226980	4.284	ng/ul	100

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

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