Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101223\
Data File : BM042274.D
Acq On : 12 Oct 2023 11:19
Operator : MA/JU
Sample : SSTD01058
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD010021

Quant Time: Oct 12 15:20:39 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	122177	20.000	ng/ul	0.00
20) Naphthalene-d8	10.839	136	564190	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.657	164	349450	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.410	188	763957	20.000	ng/ul	0.00
79) Chrysene-d12	21.592	240	768151	20.000	ng/ul	0.00
88) Perylene-d12	24.068	264	846369	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	15560	4.270	ng/uL	0.00
4) Pyridine-d5	3.810	84	111248	11.485	ng/ul	0.00
7) Phenol-d5	7.163	99	123801	10.720	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.357	67	91801	11.928	ng/ul	0.00
11) 2-Chlorophenol-d4	7.540	132	87940	10.030	ng/ul	0.01
15) 4-Methylphenol-d8	8.722	113	98882	11.060	ng/ul	0.00
21) Nitrobenzene-d5	9.216	128	43463	9.422	ng/ul	0.00
24) 2-Nitrophenol-d4	9.928	143	45844	8.987	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	86778	9.839	ng/ul	0.00
31) 4-Chloroaniline-d4	10.998	131	138056	10.544	ng/ul	0.00
46) Dimethylphthalate-d6	14.074	166	294929	10.377	ng/ul	0.00
49) Acenaphthylene-d8	14.363	160	318032	9.778	ng/ul	0.00
54) 4-Nitrophenol-d4	14.869	143	54789	12.855	ng/ul	0.00
60) Fluorene-d10	15.651	176	242881	10.376	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.774	200	41603	8.071	ng/ul	0.00
73) Anthracene-d10	17.510	188	371761	9.896	ng/ul	0.00
81) Pyrene-d10	19.798	212	425572	9.261	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.903	264	426539	9.405	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	17728	4.643	ng/uL	97
5) Pyridine	3.828	79	117265	11.282	ng/ul	98
6) Benzaldehyde	7.175	77	82078	15.382	ng/ul	99
8) Phenol	7.193	94	129540	10.761	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.451	93	114455	11.669	ng/ul	98
12) 2-Chlorophenol	7.569	128	93375	10.409	ng/ul	99
13) 2-Methylphenol	8.457	108	92775	10.301	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.528	45	117904	7.819	ng/ul	100
16) Acetophenone	8.863	105	165200	11.096	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.828	70	94229	11.548	ng/ul	97
18) 4-Methylphenol	8.787	108	103929	10.673	ng/ul	97
19) Hexachloroethane	9.087	117	39819	9.619	ng/ul	95
22) Nitrobenzene	9.257	77	128524	10.663	ng/ul	100
23) Isophorone	9.769	82	247500	10.196	ng/ul	100
25) 2-Nitrophenol	9.963	139	51359	9.671	ng/ul	98
26) 2,4-Dimethylphenol	9.998	107	114543	10.137	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.251	93	161504	11.607	ng/ul	99
29) 2,4-Dichlorophenol	10.481	162	86395	10.082	ng/ul	97
30) Naphthalene	10.892	128	325817	10.162	ng/ul	100
32) 4-Chloroaniline	11.028	127	137476	10.565	ng/ul	99
33) Hexachlorobutadiene	11.122	225	50041	8.664	ng/ul	97
34) Caprolactam	11.839	113	28670	9.250	ng/ul	99
35) 4-Chloro-3-methylphenol	12.116	107	106734	10.697	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.492	142	222028	10.800	ng/ul	100
37) 1-Methylnaphthalene	12.710	142	223192	10.676	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.839	216	103006	9.454	ng/ul	97
40) Hexachlorocyclopentadiene	12.786	237	51848	12.830	ng/ul	96
41) 2,4,6-Trichlorophenol	13.092	196	66653	9.447	ng/ul	95
42) 2,4,5-Trichlorophenol	13.163	196	72181	9.768	ng/ul	97
43) 1,1'-Biphenyl	13.498	154	294408	10.381	ng/ul	98
44) 2-Chloronaphthalene	13.545	162	224547	10.209	ng/ul	99
45) 2-Nitroaniline	13.774	65	74833	10.847	ng/ul	97
47) Dimethylphthalate	14.116	163	297285	10.473	ng/ul	99
48) 2,6-Dinitrotoluene	14.263	165	48590	8.766	ng/ul	99
50) Acenaphthylene	14.386	152	376483	10.494	ng/ul	100
51) 3-Nitroaniline	14.604	138	57817	11.030	ng/ul	94
52) Acenaphthene	14.721	153	255885	10.489	ng/ul	99
53) 2,4-Dinitrophenol	14.804	184	24007	8.174	ng/ul	93
55) 4-Nitrophenol	14.886	109	45857	13.240	ng/ul	97
56) Dibenzofuran	15.057	168	346634	10.445	ng/ul	100
57) 2,4-Dinitrotoluene	15.045	165	74903	9.428	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.274	232	60371	9.409	ng/ul	98
59) Diethylphthalate	15.469	149	309638	10.580	ng/ul	100
61) Fluorene	15.704	166	289454	10.507	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.698	204	133071	9.980	ng/ul	99
63) 4-Nitroaniline	15.763	138	57847	13.511	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.792	198	46124	9.075	ng/ul	100
67) N-Nitrosodiphenylamine	15.916	169	237437	10.177	ng/ul	98
68) 4-Bromophenyl-phenylether	16.592	248	74855	9.147	ng/ul	98
69) Hexachlorobenzene	16.674	284	85993	9.080	ng/ul	99
70) Atrazine	16.863	200	72695	8.646	ng/ul	98
71) Pentachlorophenol	17.039	266	47785	9.282	ng/ul	96
72) Phenanthrene	17.451	178	458294	10.372	ng/ul	100
74) Anthracene	17.545	178	463302	10.343	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.451	216	102774	8.773	ng/uL	99
76) Pentachlorobenzene	14.951	250	102239	8.944	ng/uL	99
77) Carbazole	17.827	167	427872	10.556	ng/ul	100
78) Di-n-butylphthalate	18.351	149	528460	9.870	ng/ul	100
80) Fluoranthene	19.462	202	512077	9.491	ng/ul	98
82) Pyrene	19.827	202	550976	9.627	ng/ul	95
83) Butylbenzylphthalate	20.709	149	231197	8.868	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.515	252	150552	8.034	ng/ul	98
85) Benzo(a)anthracene	21.574	228	546688	9.942	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.456	149	343550	8.743	ng/ul	100
87) Chrysene	21.633	228	511363	9.726	ng/ul	99
89) Di-n-octyl phthalate	22.403	149	607751	8.637	ng/ul	100
90) Benzo(b)fluoranthene	23.297	252	538699	9.643	ng/ul	98
91) Benzo(k)fluoranthene	23.350	252	524482	9.390	ng/ul	99
93) Benzo(a)pyrene	23.956	252	503303	9.984	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.662	276	614837	9.520	ng/ul	98
95) Dibenzo(a,h)anthracene	26.680	278	507696	9.499	ng/ul	98
96) Benzo(g,h,i)perylene	27.474	276	482869	9.320	ng/ul	99

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

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