Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010423\
Data File : BM038362.D
Acq On : 04 Jan 2023 09:51
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020082

Quant Time: Jan 05 01:31:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010423.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 05 01:28:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	42940	20.000	ng/ul	0.00
20) Naphthalene-d8	10.810	136	174059	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.633	164	112227	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.374	188	268705	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	312714	20.000	ng/ul	0.00
88) Perylene-d12	23.974	264	384606	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	10347	9.017	ng/uL	0.00
4) Pyridine-d5	3.799	84	75248	24.345	ng/ul	0.00
7) Phenol-d5	7.157	99	79586	22.535	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	58452	24.777	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	60045	22.636	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	57125	20.693	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	26547	20.113	ng/ul	0.00
24) 2-Nitrophenol-d4	9.892	143	30496	19.962	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	58143	19.225	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	74682	19.006	ng/ul	0.00
46) Dimethylphthalate-d6	14.039	166	165433	19.663	ng/ul	0.00
49) Acenaphthylene-d8	14.327	160	194136	19.846	ng/ul	0.00
54) 4-Nitrophenol-d4	14.833	143	27774	18.693	ng/ul	0.00
60) Fluorene-d10	15.621	176	150414	20.213	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	34471	17.927	ng/ul	0.00
73) Anthracene-d10	17.474	188	248247	19.762	ng/ul	0.00
81) Pyrene-d10	19.756	212	319170	18.937	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.815	264	370346	19.451	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	12571	10.563	ng/uL	97
5) Pyridine	3.816	79	82742	25.523	ng/ul	95
6) Benzaldehyde	7.140	77	35515	25.989	ng/ul	94
8) Phenol	7.187	94	85761	23.375	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.422	93	71533	23.852	ng/ul	94
12) 2-Chlorophenol	7.557	128	62061	22.923	ng/ul	98
13) 2-Methylphenol	8.445	108	54955	20.547	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.581	45	903	0.220	ng/ul#	52
16) Acetophenone	8.834	105	101385	21.307	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.810	70	56605	23.007	ng/ul	99
18) 4-Methylphenol	8.775	108	60489	20.727	ng/ul	87
19) Hexachloroethane	9.081	117	27659	21.266	ng/ul	89
22) Nitrobenzene	9.216	77	82981	21.536	ng/ul	98
23) Isophorone	9.739	82	145333	21.195	ng/ul	99
25) 2-Nitrophenol	9.928	139	30278	18.998	ng/ul	99
26) 2,4-Dimethylphenol	9.981	107	71670	20.675	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.222	93	84015	20.357	ng/ul	99
29) 2,4-Dichlorophenol	10.463	162	57301	20.032	ng/ul	96
30) Naphthalene	10.863	128	180868	20.121	ng/ul	99
32) 4-Chloroaniline	10.981	127	75795	18.800	ng/ul	100
33) Hexachlorobutadiene	11.139	225	42438	18.047	ng/ul	94
34) Caprolactam	11.763	113	15231	18.858	ng/ul	96
35) 4-Chloro-3-methylphenol	12.098	107	56980	19.591	ng/ul	94
36) 2-Methylnaphthalene	12.469	142	115907	19.227	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.686	142	119753	19.429	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.833	216	76774	18.635	ng/ul	98
40) Hexachlorocyclopentadiene	12.804	237	48280	16.635	ng/ul	94
41) 2,4,6-Trichlorophenol	13.075	196	49090	19.288	ng/ul	97
42) 2,4,5-Trichlorophenol	13.145	196	51985	19.458	ng/ul	97
43) 1,1'-Biphenyl	13.469	154	162468	19.415	ng/ul	100
44) 2-Chloronaphthalene	13.516	162	133205	19.552	ng/ul	99
45) 2-Nitroaniline	13.722	65	42322	21.411	ng/ul	94
47) Dimethylphthalate	14.086	163	164353	19.428	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	31690	19.422	ng/ul	91
50) Acenaphthylene	14.357	152	207259	20.525	ng/ul	98
51) 3-Nitroaniline	14.545	138	26272	18.026	ng/ul	95
52) Acenaphthene	14.698	153	146158	20.461	ng/ul	97
53) 2,4-Dinitrophenol	14.757	184	21161	17.376	ng/ul	90
55) 4-Nitrophenol	14.851	109	27108	18.791	ng/ul	93
56) Dibenzofuran	15.027	168	205587	20.295	ng/ul	100
57) 2,4-Dinitrotoluene	14.998	165	47516	20.234	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.257	232	46626	19.054	ng/ul#	94
59) Diethylphthalate	15.445	149	173894	20.215	ng/ul	98
61) Fluorene	15.674	166	172638	20.167	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.668	204	93559	20.087	ng/ul	93
63) 4-Nitroaniline	15.704	138	27613	20.695	ng/ul#	80
66) 4,6-Dinitro-2-methylph...	15.763	198	33074	17.897	ng/ul	90
67) N-Nitrosodiphenylamine	15.880	169	141158	19.214	ng/ul	99
68) 4-Bromophenyl-phenylether	16.563	248	53971	18.006	ng/ul	96
69) Hexachlorobenzene	16.674	284	61568	17.402	ng/ul	98
70) Atrazine	16.833	200	54685	17.394	ng/ul	97
71) Pentachlorophenol	17.021	266	37070	16.970	ng/ul	99
72) Phenanthrene	17.415	178	274642	19.313	ng/ul	99
74) Anthracene	17.510	178	285337	19.677	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.433	216	74187	17.389	ng/uL	98
76) Pentachlorobenzene	14.945	250	73820	17.953	ng/uL	95
77) Carbazole	17.780	167	248442	19.000	ng/ul	98
78) Di-n-butylphthalate	18.327	149	321310	20.499	ng/ul	99
80) Fluoranthene	19.421	202	349470	18.144	ng/ul	100
82) Pyrene	19.786	202	386015	18.666	ng/ul	99
83) Butylbenzylphthalate	20.674	149	154973	19.634	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.462	252	120761	18.231	ng/ul	99
85) Benzo(a)anthracene	21.527	228	423715	19.833	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.439	149	247673	20.358	ng/ul	98
87) Chrysene	21.580	228	398852	19.377	ng/ul	100
89) Di-n-octyl phthalate	22.368	149	467810	18.558	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	471208	19.562	ng/ul	98
91) Benzo(k)fluoranthene	23.280	252	450974	18.774	ng/ul	99
93) Benzo(a)pyrene	23.868	252	428067	20.048	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.515	276	560264	20.575	ng/ul	99
95) Dibenzo(a,h)anthracene	26.527	278	467707	20.764	ng/ul	97
96) Benzo(g,h,i)perylene	27.303	276	464868	20.960	ng/ul	98

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

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