Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010523\
Data File : BM038378.D
Acq On : 05 Jan 2023 15:36
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020083

Quant Time: Jan 05 16:47:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010423.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 05 02:11:50 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	69370	20.000	ng/ul	0.00
20) Naphthalene-d8	10.810	136	273865	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.627	164	179726	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.374	188	432127	20.000	ng/ul	0.00
79) Chrysene-d12	21.544	240	472866	20.000	ng/ul	0.00
88) Perylene-d12	23.980	264	536027	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	16459	7.694	ng/uL	0.00
4) Pyridine-d5	3.793	84	124556	20.126	ng/ul	0.00
7) Phenol-d5	7.157	99	125190	19.810	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.322	67	93828	20.640	ng/ul	0.00
11) 2-Chlorophenol-d4	7.522	132	95502	21.092	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	90729	18.599	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	42645	19.848	ng/ul	0.00
24) 2-Nitrophenol-d4	9.892	143	48092	19.736	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.428	165	92879	19.737	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131	119355	18.381	ng/ul	0.00
46) Dimethylphthalate-d6	14.039	166	267663	19.665	ng/ul	0.00
49) Acenaphthylene-d8	14.327	160	308678	19.460	ng/ul	0.00
54) 4-Nitrophenol-d4	14.833	143	44220	18.047	ng/ul	0.00
60) Fluorene-d10	15.621	176	241499	19.510	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	53890	17.207	ng/ul	0.00
73) Anthracene-d10	17.468	188	394256	18.913	ng/ul	0.00
81) Pyrene-d10	19.756	212	492533	18.718	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.821	264	517111	19.424	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	18462	8.084	ng/uL	98
5) Pyridine	3.810	79	130699	19.993	ng/ul	95
6) Benzaldehyde	7.134	77	58364	22.464	ng/ul	99
8) Phenol	7.181	94	133564	20.033	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.416	93	114582	21.464	ng/ul	99
12) 2-Chlorophenol	7.557	128	98433	21.050	ng/ul	99
13) 2-Methylphenol	8.439	108	88434	18.571	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.522	45	156094	18.436	ng/ul	98
16) Acetophenone	8.828	105	159062	18.427	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.810	70	92057	19.796	ng/ul	98
18) 4-Methylphenol	8.775	108	95650	18.462	ng/ul	94
19) Hexachloroethane	9.075	117	44713	20.534	ng/ul	95
22) Nitrobenzene	9.210	77	133344	18.816	ng/ul	98
23) Isophorone	9.733	82	236452	19.462	ng/ul	98
25) 2-Nitrophenol	9.922	139	51023	20.102	ng/ul	97
26) 2,4-Dimethylphenol	9.981	107	115786	19.513	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.216	93	137433	19.770	ng/ul	98
29) 2,4-Dichlorophenol	10.457	162	89150	19.483	ng/ul	98
30) Naphthalene	10.857	128	285049	19.513	ng/ul	98
32) 4-Chloroaniline	10.975	127	120816	18.259	ng/ul	99
33) Hexachlorobutadiene	11.133	225	69386	20.367	ng/ul	97
34) Caprolactam	11.757	113	23851	18.262	ng/ul	88
35) 4-Chloro-3-methylphenol	12.092	107	96887	19.899	ng/ul	99
36) 2-Methylnaphthalene	12.463	142	186397	19.575	ng/ul	96

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.680	142	193436	19.635	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.827	216	124673	19.620	ng/ul	99
40)	Hexachlorocyclopentadiene	12.798	237	77028	17.163	ng/ul	99
41)	2,4,6-Trichlorophenol	13.069	196	77275	19.592	ng/ul	98
42)	2,4,5-Trichlorophenol	13.139	196	84234	19.928	ng/ul	100
43)	1,1'-Biphenyl	13.469	154	260825	19.199	ng/ul	98
44)	2-Chloronaphthalene	13.510	162	216015	19.473	ng/ul	99
45)	2-Nitroaniline	13.721	65	73286	19.750	ng/ul	98
47)	Dimethylphthalate	14.086	163	270790	19.605	ng/ul	99
48)	2,6-Dinitrotoluene	14.216	165	51022	19.400	ng/ul	95
50)	Acenaphthylene	14.357	152	326276	19.390	ng/ul	99
51)	3-Nitroaniline	14.545	138	41888	17.297	ng/ul	100
52)	Acenaphthene	14.692	153	231104	19.408	ng/ul	98
53)	2,4-Dinitrophenol	14.751	184	32826	16.695	ng/ul	94
55)	4-Nitrophenol	14.851	109	46720	18.215	ng/ul	99
56)	Dibenzofuran	15.027	168	327469	19.350	ng/ul	97
57)	2,4-Dinitrotoluene	14.998	165	75579	19.643	ng/ul#	95
58)	2,3,4,6-Tetrachlorophenol	15.251	232	76635	20.298	ng/ul	99
59)	Diethylphthalate	15.439	149	284542	19.875	ng/ul	100
61)	Fluorene	15.674	166	278450	19.165	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.668	204	151475	19.809	ng/ul	100
63)	4-Nitroaniline	15.704	138	42317	18.261	ng/ul	98
66)	4,6-Dinitro-2-methylph...	15.757	198	51715	17.233	ng/ul#	94
67)	N-Nitrosodiphenylamine	15.880	169	230553	18.712	ng/ul	99
68)	4-Bromophenyl-phenylether	16.557	248	87963	19.215	ng/ul	91
69)	Hexachlorobenzene	16.674	284	101105	19.148	ng/ul	100
70)	Atrazine	16.827	200	90669	17.803	ng/ul	98
71)	Pentachlorophenol	17.021	266	59737	17.142	ng/ul	98
72)	Phenanthrene	17.415	178	439666	18.647	ng/ul	99
74)	Anthracene	17.504	178	462833	19.090	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.433	216	119987	18.397	ng/uL	99
76)	Pentachlorobenzene	14.945	250	118229	18.813	ng/uL	96
77)	Carbazole	17.780	167	392155	17.640	ng/ul	99
78)	Di-n-butylphthalate	18.327	149	511394	19.254	ng/ul	100
80)	Fluoranthene	19.427	202	553429	18.597	ng/ul	97
82)	Pyrene	19.786	202	604171	18.629	ng/ul	98
83)	Butylbenzylphthalate	20.674	149	234850	18.882	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.462	252	190551	19.324	ng/ul	98
85)	Benzo(a)anthracene	21.533	228	639999	19.018	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.439	149	370059	19.275	ng/ul	98
87)	Chrysene	21.586	228	618074	19.118	ng/ul	99
89)	Di-n-octyl phthalate	22.374	149	673995	17.577	ng/ul	100
90)	Benzo(b)fluoranthene	23.233	252	660402	19.473	ng/ul	99
91)	Benzo(k)fluoranthene	23.280	252	660473	19.394	ng/ul	100
93)	Benzo(a)pyrene	23.868	252	586992	19.124	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.515	276	754600	19.345	ng/ul	98
95)	Dibenzo(a,h)anthracene	26.527	278	627553	19.278	ng/ul	100
96)	Benzo(g,h,i)perylene	27.303	276	619080	19.383	ng/ul	99

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

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