Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010623\
Data File : BM038380.D
Acq On : 06 Jan 2023 09:28
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020084

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

Quant Time: Jan 06 23:15:36 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	7.998	152	56976	20.000	ng/ul	0.00
20) Naphthalene-d8	10.810	136	229059	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.633	164	154621	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.374	188	368910	20.000	ng/ul	0.00
79) Chrysene-d12	21.544	240	415487	20.000	ng/ul	0.00
88) Perylene-d12	23.974	264	493171	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	13570	7.724	ng/uL	0.00
4) Pyridine-d5	3.798	84	98432	19.365	ng/ul	0.00
7) Phenol-d5	7.157	99	95877	18.472	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	70747	18.948	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	70027	18.830	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	69168	17.264	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	32626	18.155	ng/ul	0.00
24) 2-Nitrophenol-d4	9.892	143	37673	18.484	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.433	165	73556	18.689	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	93401	17.197	ng/ul	0.00
46) Dimethylphthalate-d6	14.039	166	211127	18.030	ng/ul	0.00
49) Acenaphthylene-d8	14.327	160	248133	18.183	ng/ul	0.00
54) 4-Nitrophenol-d4	14.833	143	34961	16.585	ng/ul	0.00
60) Fluorene-d10	15.621	176	200552	18.833	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	44199	16.531	ng/ul	0.00
73) Anthracene-d10	17.468	188	327037	18.377	ng/ul	0.00
81) Pyrene-d10	19.756	212	408937	17.687	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.815	264	444795	18.159	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.398	88	14545	7.754	ng/uL	95
5) Pyridine	3.816	79	106194	19.778	ng/ul	99
6) Benzaldehyde	7.139	77	45354	21.254	ng/ul	95
8) Phenol	7.186	94	103092	18.826	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.422	93	82909	18.909	ng/ul	99
12) 2-Chlorophenol	7.557	128	73179	19.054	ng/ul	93
13) 2-Methylphenol	8.445	108	69453	17.758	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.533	45	123369m	17.740	ng/ul	
16) Acetophenone	8.833	105	125797	17.743	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.810	70	73053	19.127	ng/ul	97
18) 4-Methylphenol	8.775	108	75640	17.776	ng/ul	93
19) Hexachloroethane	9.080	117	35808	20.021	ng/ul	94
22) Nitrobenzene	9.216	77	110577	18.655	ng/ul	98
23) Isophorone	9.739	82	188696	18.569	ng/ul	99
25) 2-Nitrophenol	9.927	139	40229	18.950	ng/ul	97
26) 2,4-Dimethylphenol	9.980	107	94783	19.098	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.222	93	106847	18.377	ng/ul	98
29) 2,4-Dichlorophenol	10.457	162	71682	18.730	ng/ul	99
30) Naphthalene	10.863	128	230510	18.867	ng/ul	99
32) 4-Chloroaniline	10.980	127	97012	17.530	ng/ul	100
33) Hexachlorobutadiene	11.133	225	55447	19.459	ng/ul	98
34) Caprolactam	11.763	113	18098	16.567	ng/ul	94
35) 4-Chloro-3-methylphenol	12.092	107	77589	19.053	ng/ul	100
36) 2-Methylnaphthalene	12.463	142	147370	18.504	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.680	142	156158	18.952	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.827	216	100216	18.332	ng/ul	98
40) Hexachlorocyclopentadiene	12.804	237	64078	16.596	ng/ul	99
41) 2,4,6-Trichlorophenol	13.074	196	61899	18.242	ng/ul	100
42) 2,4,5-Trichlorophenol	13.145	196	64145	17.639	ng/ul	97
43) 1,1'-Biphenyl	13.468	154	211902	18.130	ng/ul	97
44) 2-Chloronaphthalene	13.515	162	173509	18.181	ng/ul	100
45) 2-Nitroaniline	13.721	65	56712	17.765	ng/ul	99
47) Dimethylphthalate	14.086	163	213431	17.961	ng/ul	100
48) 2,6-Dinitrotoluene	14.215	165	40467	17.885	ng/ul	97
50) Acenaphthylene	14.357	152	268134	18.522	ng/ul	100
51) 3-Nitroaniline	14.545	138	34400	16.512	ng/ul	96
52) Acenaphthene	14.692	153	190033	18.550	ng/ul	99
53) 2,4-Dinitrophenol	14.751	184	25326	14.972	ng/ul	93
55) 4-Nitrophenol	14.851	109	37353	16.928	ng/ul	98
56) Dibenzofuran	15.027	168	273983	18.818	ng/ul	99
57) 2,4-Dinitrotoluene	14.998	165	60450	18.262	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.251	232	60811	18.722	ng/ul	94
59) Diethylphthalate	15.439	149	235035	19.083	ng/ul	100
61) Fluorene	15.674	166	229814	18.386	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.668	204	125935	19.143	ng/ul	97
63) 4-Nitroaniline	15.704	138	34141	17.125	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.762	198	41754	16.298	ng/ul	94
67) N-Nitrosodiphenylamine	15.880	169	188258	17.897	ng/ul	97
68) 4-Bromophenyl-phenylether	16.556	248	70580	18.060	ng/ul	96
69) Hexachlorobenzene	16.674	284	80879	17.942	ng/ul	99
70) Atrazine	16.827	200	74914	17.230	ng/ul	97
71) Pentachlorophenol	17.021	266	48323	16.243	ng/ul	99
72) Phenanthrene	17.415	178	365183	18.142	ng/ul	99
74) Anthracene	17.503	178	379124	18.317	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.433	216	94136	16.907	ng/uL	94
76) Pentachlorobenzene	14.945	250	96381	17.964	ng/uL	98
77) Carbazole	17.780	167	323138	17.027	ng/ul	99
78) Di-n-butylphthalate	18.327	149	431606	19.035	ng/ul	99
80) Fluoranthene	19.421	202	456458	17.457	ng/ul	100
82) Pyrene	19.786	202	503475	17.668	ng/ul	99
83) Butylbenzylphthalate	20.668	149	199867	18.289	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.456	252	160178	18.487	ng/ul	99
85) Benzo(a)anthracene	21.527	228	538299	18.205	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.438	149	313583	18.589	ng/ul	98
87) Chrysene	21.580	228	516365	18.178	ng/ul	99
89) Di-n-octyl phthalate	22.368	149	590029	16.724	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	556319	17.830	ng/ul	100
91) Benzo(k)fluoranthene	23.280	252	587736	18.758	ng/ul	100
93) Benzo(a)pyrene	23.868	252	518052	18.345	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.515	276	644315	17.953	ng/ul	96
95) Dibenzo(a,h)anthracene	26.520	278	539017	17.997	ng/ul	99
96) Benzo(g,h,i)perylene	27.291	276	541133	18.415	ng/ul	98

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

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