Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010623\
Data File : BM038389.D
Acq On : 06 Jan 2023 16:53
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020086

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

Quant Time: Jan 06 23:16:36 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	63442	20.000	ng/ul	0.00
20) Naphthalene-d8	10.810	136	256191	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.633	164	168530	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	404049	20.000	ng/ul	0.00
79) Chrysene-d12	21.544	240	451234	20.000	ng/ul	0.00
88) Perylene-d12	23.974	264	524730	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	15111	7.724	ng/uL	0.00
4) Pyridine-d5	3.798	84	111488	19.698	ng/ul	0.00
7) Phenol-d5	7.157	99	108306	18.740	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	80832	19.442	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	82414	19.902	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	81299	18.223	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	37208	18.512	ng/ul	0.00
24) 2-Nitrophenol-d4	9.892	143	43643	19.145	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.433	165	83480	18.964	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131	104763	17.246	ng/ul	0.00
46) Dimethylphthalate-d6	14.039	166	238960	18.723	ng/ul	0.00
49) Acenaphthylene-d8	14.327	160	274955	18.486	ng/ul	0.00
54) 4-Nitrophenol-d4	14.833	143	40238	17.513	ng/ul	0.00
60) Fluorene-d10	15.621	176	216010	18.610	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	48726	16.639	ng/ul	0.00
73) Anthracene-d10	17.468	188	353833	18.154	ng/ul	0.00
81) Pyrene-d10	19.756	212	443582	17.666	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.815	264	476750	18.293	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.398	88	16743	8.016	ng/uL	96
5) Pyridine	3.816	79	118962	19.898	ng/ul	97
6) Benzaldehyde	7.139	77	51184	21.542	ng/ul	99
8) Phenol	7.186	94	115683	18.972	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.422	93	92894	19.027	ng/ul	97
12) 2-Chlorophenol	7.557	128	83992	19.640	ng/ul	96
13) 2-Methylphenol	8.445	108	77513	17.799	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.533	45	143444	18.525	ng/ul	97
16) Acetophenone	8.828	105	143760	18.210	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.810	70	84690	19.914	ng/ul	99
18) 4-Methylphenol	8.775	108	87057	18.374	ng/ul	94
19) Hexachloroethane	9.075	117	40030	20.101	ng/ul	97
22) Nitrobenzene	9.216	77	124515	18.782	ng/ul	99
23) Isophorone	9.739	82	214820	18.901	ng/ul	99
25) 2-Nitrophenol	9.927	139	45277	19.069	ng/ul	97
26) 2,4-Dimethylphenol	9.980	107	107012	19.279	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.222	93	124352	19.122	ng/ul	98
29) 2,4-Dichlorophenol	10.457	162	79304	18.527	ng/ul	94
30) Naphthalene	10.863	128	258152	18.891	ng/ul	99
32) 4-Chloroaniline	10.980	127	106945	17.278	ng/ul	97
33) Hexachlorobutadiene	11.139	225	61615	19.334	ng/ul	95
34) Caprolactam	11.763	113	21599m	17.678	ng/ul	
35) 4-Chloro-3-methylphenol	12.092	107	85997	18.881	ng/ul	97
36) 2-Methylnaphthalene	12.463	142	163972	18.408	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.680	142	173368	18.812	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.827	216	110312	18.513	ng/ul	98
40) Hexachlorocyclopentadiene	12.798	237	69409	16.493	ng/ul	99
41) 2,4,6-Trichlorophenol	13.068	196	68698	18.575	ng/ul	98
42) 2,4,5-Trichlorophenol	13.139	196	73514	18.547	ng/ul	99
43) 1,1'-Biphenyl	13.468	154	233778	18.351	ng/ul	99
44) 2-Chloronaphthalene	13.510	162	192638	18.520	ng/ul	97
45) 2-Nitroaniline	13.721	65	67530	19.408	ng/ul	93
47) Dimethylphthalate	14.086	163	238366	18.404	ng/ul	99
48) 2,6-Dinitrotoluene	14.215	165	45133	18.301	ng/ul	94
50) Acenaphthylene	14.357	152	290291	18.398	ng/ul	99
51) 3-Nitroaniline	14.545	138	37279	16.417	ng/ul	97
52) Acenaphthene	14.692	153	207770	18.608	ng/ul	98
53) 2,4-Dinitrophenol	14.751	184	28909	15.679	ng/ul	92
55) 4-Nitrophenol	14.845	109	42857	17.819	ng/ul	95
56) Dibenzofuran	15.027	168	293866	18.518	ng/ul	98
57) 2,4-Dinitrotoluene	14.998	165	68089	18.872	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.251	232	67604	19.095	ng/ul	98
59) Diethylphthalate	15.439	149	255261	19.015	ng/ul	99
61) Fluorene	15.674	166	249251	18.295	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.662	204	134572	18.767	ng/ul	97
63) 4-Nitroaniline	15.704	138	37574m	17.292	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.757	198	45933	16.369	ng/ul	96
67) N-Nitrosodiphenylamine	15.880	169	207440	18.006	ng/ul	99
68) 4-Bromophenyl-phenylether	16.556	248	79743	18.630	ng/ul	95
69) Hexachlorobenzene	16.674	284	88759	17.978	ng/ul	99
70) Atrazine	16.827	200	81987	17.217	ng/ul	96
71) Pentachlorophenol	17.021	266	52937	16.247	ng/ul	96
72) Phenanthrene	17.415	178	398932	18.095	ng/ul	99
74) Anthracene	17.503	178	406572	17.935	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.433	216	108369	17.771	ng/uL	97
76) Pentachlorobenzene	14.945	250	105883	18.019	ng/uL	98
77) Carbazole	17.780	167	352238	16.946	ng/ul	99
78) Di-n-butylphthalate	18.327	149	464832	18.717	ng/ul	99
80) Fluoranthene	19.421	202	499488	17.589	ng/ul	100
82) Pyrene	19.786	202	541263	17.490	ng/ul	98
83) Butylbenzylphthalate	20.668	149	218842	18.438	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.462	252	176765	18.785	ng/ul	98
85) Benzo(a)anthracene	21.527	228	590015	18.373	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.439	149	338773	18.491	ng/ul	98
87) Chrysene	21.580	228	563604	18.269	ng/ul	99
89) Di-n-octyl phthalate	22.368	149	627735	16.723	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	602464	18.147	ng/ul	99
91) Benzo(k)fluoranthene	23.280	252	628024	18.838	ng/ul	100
93) Benzo(a)pyrene	23.868	252	553721	18.429	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.509	276	707489	18.528	ng/ul	98
95) Dibenzo(a,h)anthracene	26.521	278	587153	18.425	ng/ul	99
96) Benzo(g,h,i)perylene	27.291	276	574454	18.373	ng/ul	99

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

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