Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020623\
Data File : BM038695.D
Acq On : 06 Feb 2023 16:41
Operator : CG/JU
Sample : SSTD01028
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 07 00:52:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM020623.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 07 00:48:02 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD010034

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

02/07/2023

Supervised By :mohammad ahmed

02/07/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	79640	20.000	ng/ul	0.00
20) Naphthalene-d8	10.716	136	315996	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.551	164	255651	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.292	188	559968	20.000	ng/ul	0.00
79) Chrysene-d12	21.468	240	433038	20.000	ng/ul	0.00
88) Perylene-d12	23.850	264	455446	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	6047	2.707	ng/uL	0.00
4) Pyridine-d5	3.722	84	37360	6.680	ng/ul	0.00
7) Phenol-d5	7.087	99	48234	9.073	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.239	67	29410	9.478	ng/ul	0.00
11) 2-Chlorophenol-d4	7.439	132	47328	10.736	ng/ul	0.00
15) 4-Methylphenol-d8	8.633	113	42844	10.101	ng/ul	0.00
21) Nitrobenzene-d5	9.081	128	23245	9.705	ng/ul	0.00
24) 2-Nitrophenol-d4	9.804	143	31991	10.113	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.345	165	63653	9.092	ng/ul	0.00
31) 4-Chloroaniline-d4	10.869	131	71768	10.549	ng/ul	0.00
46) Dimethylphthalate-d6	13.963	166	206921	9.798	ng/ul	0.00
49) Acenaphthylene-d8	14.245	160	225943	10.054	ng/ul	0.00
54) 4-Nitrophenol-d4	14.774	143	29004	9.928	ng/ul	0.00
60) Fluorene-d10	15.539	176	176514	9.346	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.668	200	29428	6.139	ng/ul	0.00
73) Anthracene-d10	17.392	188	267167	9.479	ng/ul	0.00
81) Pyrene-d10	19.680	212	265650	11.906	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.697	264	234246	10.020	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.316	88	6896m	2.865	ng/uL	
5) Pyridine	3.740	79	39619	6.898	ng/ul	98
6) Benzaldehyde	7.051	77	20070	8.188	ng/ul	98
8) Phenol	7.110	94	49236	9.251	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.334	93	41097	10.807	ng/ul	99
12) 2-Chlorophenol	7.475	128	46790	10.577	ng/ul	98
13) 2-Methylphenol	8.363	108	40425	9.996	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.439	45	36787	9.363	ng/ul	97
16) Acetophenone	8.739	105	72889	9.727	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.722	70	33906	9.846	ng/ul	98
18) 4-Methylphenol	8.698	108	45629	10.630	ng/ul	98
19) Hexachloroethane	8.981	117	20017	8.971	ng/ul	94
22) Nitrobenzene	9.122	77	50550	7.012	ng/ul	90
23) Isophorone	9.651	82	98261	9.007	ng/ul	98
25) 2-Nitrophenol	9.833	139	31555	10.064	ng/ul	97
26) 2,4-Dimethylphenol	9.898	107	53637	7.876	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.133	93	59552	10.706	ng/ul	98
29) 2,4-Dichlorophenol	10.375	162	62328	9.367	ng/ul	95
30) Naphthalene	10.769	128	156580	9.987	ng/ul	98
32) 4-Chloroaniline	10.892	127	69931	10.244	ng/ul	98
33) Hexachlorobutadiene	11.039	225	32118	4.645	ng/ul	98
34) Caprolactam	11.680	113	14547	11.113	ng/ul	95
35) 4-Chloro-3-methylphenol	12.022	107	48865	9.297	ng/ul	98
36) 2-Methylnaphthalene	12.374	142	123098	10.556	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.592	142	126313	10.493	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.739	216	60196	4.783	ng/ul	98
40) Hexachlorocyclopentadiene	12.710	237	25175	2.803	ng/ul	99
41) 2,4,6-Trichlorophenol	12.992	196	49342	6.440	ng/ul	95
42) 2,4,5-Trichlorophenol	13.069	196	53103	6.490	ng/ul	96
43) 1,1'-Biphenyl	13.386	154	189800	9.655	ng/ul	99
44) 2-Chloronaphthalene	13.427	162	155304	9.510	ng/ul	98
45) 2-Nitroaniline	13.645	65	29507	6.755	ng/ul	99
47) Dimethylphthalate	14.010	163	206074	9.917	ng/ul	100
48) 2,6-Dinitrotoluene	14.139	165	40122	10.425	ng/ul	99
50) Acenaphthylene	14.274	152	237444	10.566	ng/ul	97
51) 3-Nitroaniline	14.468	138	29947	10.810	ng/ul	92
52) Acenaphthene	14.610	153	168199	10.055	ng/ul	99
53) 2,4-Dinitrophenol	14.680	184	19263	6.226	ng/ul	98
55) 4-Nitrophenol	14.792	109	24990	5.099	ng/ul	98
56) Dibenzofuran	14.945	168	246340	9.902	ng/ul	99
57) 2,4-Dinitrotoluene	14.927	165	56900	10.031	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.180	232	39349	5.493	ng/ul#	98
59) Diethylphthalate	15.362	149	202126	10.376	ng/ul	99
61) Fluorene	15.598	166	202742	9.676	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.586	204	85947	5.830	ng/ul	99
63) 4-Nitroaniline	15.633	138	20560m	9.002	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.686	198	29537	6.530	ng/ul	97
67) N-Nitrosodiphenylamine	15.804	169	166675	10.557	ng/ul	98
68) 4-Bromophenyl-phenylether	16.480	248	52365	6.637	ng/ul	93
69) Hexachlorobenzene	16.592	284	67507	7.329	ng/ul	94
70) Atrazine	16.756	200	58011	7.323	ng/ul	98
71) Pentachlorophenol	16.945	266	35311	5.993	ng/ul	95
72) Phenanthrene	17.333	178	319379	10.914	ng/ul	100
74) Anthracene	17.427	178	322253	10.516	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.351	216	60109	5.585	ng/uL	100
76) Pentachlorobenzene	14.863	250	69155	6.175	ng/uL	96
77) Carbazole	17.703	167	286908	10.786	ng/ul	99
78) Di-n-butylphthalate	18.251	149	381617	14.829	ng/ul	99
80) Fluoranthene	19.345	202	338486	13.088	ng/ul	99
82) Pyrene	19.709	202	358009	13.044	ng/ul	99
83) Butylbenzylphthalate	20.603	149	173595	21.927	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.392	252	94285	8.863	ng/ul	97
85) Benzo(a)anthracene	21.456	228	294165	9.590	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.368	149	258014	22.904	ng/ul	99
87) Chrysene	21.503	228	274426	9.665	ng/ul	99
89) Di-n-octyl phthalate	22.286	149	421968	21.877	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	285162	10.127	ng/ul	100
91) Benzo(k)fluoranthene	23.174	252	291687	10.393	ng/ul	99
93) Benzo(a)pyrene	23.744	252	244230	9.366	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.326	276	312261	7.576	ng/ul	99
95) Dibenzo(a,h)anthracene	26.338	278	256982	7.346	ng/ul	99
96) Benzo(g,h,i)perylene	27.091	276	249380	7.454	ng/ul	98

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

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