Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092922\
Data File : BM036799.D
Acq On : 29 Sep 2022 13:38
Operator : CG/JU
Sample : SSTD04081
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 30 01:13:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092922.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 30 01:10:23 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD040029

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/30/2022
Supervised By :mohammad ahmed 10/03/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	303882	20.000	ng/ul	0.00
20) Naphthalene-d8	10.798	136	1392055	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	872297	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.351	188	1786154	20.000	ng/ul	0.00
79) Chrysene-d12	21.521	240	1842021	20.000	ng/ul	0.00
88) Perylene-d12	23.944	264	1867254	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	132764	16.378	ng/uL	0.00
4) Pyridine-d5	3.793	84	1047143	44.293	ng/ul	0.00
7) Phenol-d5	7.145	99	1247739	45.947	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.316	67	787062	47.724	ng/ul	0.00
11) 2-Chlorophenol-d4	7.516	132	898590	45.961	ng/ul	0.00
15) 4-Methylphenol-d8	8.698	113	963962	48.040	ng/ul	0.00
21) Nitrobenzene-d5	9.151	128	465490	49.404	ng/ul	0.00
24) 2-Nitrophenol-d4	9.875	143	465909	55.205	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	879122	44.948	ng/ul	0.00
31) 4-Chloroaniline-d4	10.933	131	1403607	43.163	ng/ul	0.00
46) Dimethylphthalate-d6	14.027	166	2589573	44.017	ng/ul	0.00
49) Acenaphthylene-d8	14.310	160	3051381	43.726	ng/ul	0.00
54) 4-Nitrophenol-d4	14.810	143	553196	48.480	ng/ul	0.00
60) Fluorene-d10	15.598	176	2272758	43.108	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.721	200	400265	56.640	ng/ul	0.00
73) Anthracene-d10	17.451	188	3494181	42.785	ng/ul	0.00
81) Pyrene-d10	19.733	212	3947959	43.566	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.791	264	4017358	44.037	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	145313	16.641	ng/uL	98
5) Pyridine	3.816	79	1063034	44.756	ng/ul	100
6) Benzaldehyde	7.122	77	673182	51.191	ng/ul	99
8) Phenol	7.169	94	1333338	45.747	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.410	93	1045370	46.098	ng/ul	98
12) 2-Chlorophenol	7.545	128	977334	46.211	ng/ul	99
13) 2-Methylphenol	8.428	108	985430	45.998	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.522	45	1386995	51.604	ng/ul	100
16) Acetophenone	8.816	105	1623911	46.658	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.804	70	869711	51.787	ng/ul	99
18) 4-Methylphenol	8.763	108	1089132	47.014	ng/ul	100
19) Hexachloroethane	9.069	117	381688	44.556	ng/ul	98
22) Nitrobenzene	9.198	77	1228264	49.099	ng/ul	99
23) Isophorone	9.728	82	2409155	47.232	ng/ul	100
25) 2-Nitrophenol	9.910	139	539816	51.786	ng/ul	97
26) 2,4-Dimethylphenol	9.969	107	1172758	45.615	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.210	93	1410866	46.407	ng/ul	99
29) 2,4-Dichlorophenol	10.439	162	909735	44.244	ng/ul	99
30) Naphthalene	10.845	128	3244291	42.781	ng/ul	99
32) 4-Chloroaniline	10.957	127	1448032	43.130	ng/ul	100
33) Hexachlorobutadiene	11.128	225	483826	38.473	ng/ul	99
34) Caprolactam	11.751	113	323838m	48.552	ng/ul	
35) 4-Chloro-3-methylphenol	12.075	107	1081400	47.644	ng/ul	98
36) 2-Methylnaphthalene	12.451	142	2220758	43.953	ng/ul	99

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37) 1-Methylnaphthalene	12.669	142	2214354	43.595	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.816	216	1011011	40.949	ng/ul	98
40) Hexachlorocyclopentadiene	12.792	237	559647	43.495	ng/ul	99
41) 2,4,6-Trichlorophenol	13.051	196	680542	45.018	ng/ul	98
42) 2,4,5-Trichlorophenol	13.122	196	742198	45.793	ng/ul	99
43) 1,1'-Biphenyl	13.451	154	2816334	43.798	ng/ul	100
44) 2-Chloronaphthalene	13.498	162	2165602	42.919	ng/ul	99
45) 2-Nitroaniline	13.698	65	738662	59.476	ng/ul	97
47) Dimethylphthalate	14.074	163	2758995	44.210	ng/ul	99
48) 2,6-Dinitrotoluene	14.192	165	539526	53.175	ng/ul	98
50) Acenaphthylene	14.339	152	3469163	43.482	ng/ul	100
51) 3-Nitroaniline	14.521	138	616300	50.646	ng/ul	100
52) Acenaphthene	14.674	153	2439200	43.694	ng/ul	100
53) 2,4-Dinitrophenol	14.721	184	298215	66.240	ng/ul	98
55) 4-Nitrophenol	14.821	109	462578	47.422	ng/ul	100
56) Dibenzofuran	15.010	168	3210880	42.828	ng/ul	99
57) 2,4-Dinitrotoluene	14.974	165	776537	52.645	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.233	232	612873	45.173	ng/ul	95
59) Diethylphthalate	15.433	149	2807070	44.933	ng/ul	100
61) Fluorene	15.657	166	2790761	43.707	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.651	204	1276464	41.801	ng/ul	97
63) 4-Nitroaniline	15.680	138	610274	51.618	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.733	198	433461	54.355	ng/ul#	98
67) N-Nitrosodiphenylamine	15.863	169	2286903	43.471	ng/ul	99
68) 4-Bromophenyl-phenylether	16.539	248	703890	39.982	ng/ul	99
69) Hexachlorobenzene	16.657	284	810583	38.928	ng/ul	98
70) Atrazine	16.815	200	789275	42.517	ng/ul	99
71) Pentachlorophenol	16.998	266	504449	40.784	ng/ul	98
72) Phenanthrene	17.392	178	4265860	43.360	ng/ul	99
74) Anthracene	17.486	178	4335589	43.356	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.416	216	1013175	41.473	ng/uL	99
76) Pentachlorobenzene	14.927	250	1058187	40.049	ng/uL	98
77) Carbazole	17.751	167	4069318	43.952	ng/ul	100
78) Di-n-butylphthalate	18.315	149	4898690	46.681	ng/ul	99
80) Fluoranthene	19.398	202	4807109	43.289	ng/ul	97
82) Pyrene	19.762	202	5119286	43.551	ng/ul	99
83) Butylbenzylphthalate	20.656	149	2236554	50.213	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.439	252	1852705	51.476	ng/ul	99
85) Benzo(a)anthracene	21.503	228	5023235	43.524	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	3502640	53.834	ng/ul	98
87) Chrysene	21.562	228	4718940	43.076	ng/ul	99
89) Di-n-octyl phthalate	22.368	149	5810449	51.615	ng/ul	100
90) Benzo(b)fluoranthene	23.209	252	5257489	44.401	ng/ul	99
91) Benzo(k)fluoranthene	23.256	252	4988635	42.163	ng/ul	100
93) Benzo(a)pyrene	23.838	252	4584518	44.042	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.474	276	5568633	45.810	ng/ul	98
95) Dibenzo(a,h)anthracene	26.491	278	5067618	45.969	ng/ul	99
96) Benzo(g,h,i)perylene	27.250	276	4827020	45.805	ng/ul	99

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

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