Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110122\
Data File : BM037306.D
Acq On : 01 Nov 2022 13:14
Operator : CG/JU
Sample : SSTD08088
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 02 02:50:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110122.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 02 02:46:21 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD080037

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/02/2022
Supervised By :mohammad ahmed 11/04/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	355687	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	1581021	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	978085	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	2021525	20.000	ng/ul	0.00
79) Chrysene-d12	21.409	240	2070825	20.000	ng/ul	0.00
88) Perylene-d12	23.762	264	1643142	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	239116	24.557	ng/uL	0.00
4) Pyridine-d5	3.693	84	1958661	64.363	ng/ul	0.00
7) Phenol-d5	7.034	99	2565910	70.834	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.198	67	1529348	67.612	ng/ul	0.00
11) 2-Chlorophenol-d4	7.392	132	2044588	83.646	ng/ul	0.00
15) 4-Methylphenol-d8	8.586	113	2068991	74.849	ng/ul	0.01
21) Nitrobenzene-d5	9.033	128	1041904	86.027	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	1187877	101.475	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.292	165	2081230	91.129	ng/ul	0.01
31) 4-Chloroaniline-d4	10.810	131	2911980	73.819	ng/ul	0.00
46) Dimethylphthalate-d6	13.921	166	5609124	81.390	ng/ul	0.01
49) Acenaphthylene-d8	14.192	160	6842664	87.110	ng/ul	0.00
54) 4-Nitrophenol-d4	14.727	143	1151715	77.699	ng/ul	0.02
60) Fluorene-d10	15.492	176	4955901	82.140	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.627	200	1115664	100.318	ng/ul	0.02
73) Anthracene-d10	17.339	188	7736949	82.485	ng/ul	0.00
81) Pyrene-d10	19.627	212	8891304	84.972	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.615	264	7329603	88.944	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.304	88	252366	24.139	ng/uL	98
5) Pyridine	3.716	79	1935740	63.085	ng/ul	96
6) Benzaldehyde	7.004	77	1003128	60.123	ng/ul	97
8) Phenol	7.063	94	2725872	70.651	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.292	93	2111800	70.030	ng/ul	98
12) 2-Chlorophenol	7.428	128	2182866	81.504	ng/ul	99
13) 2-Methylphenol	8.310	108	2054384	72.323	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.398	45	2924873	73.340	ng/ul	99
16) Acetophenone	8.698	105	3243137	70.137	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.698	70	1663332	70.035	ng/ul	97
18) 4-Methylphenol	8.657	108	2229276	71.081	ng/ul	97
19) Hexachloroethane	8.933	117	830276	77.244	ng/ul	99
22) Nitrobenzene	9.081	77	2391327	73.434	ng/ul	96
23) Isophorone	9.610	82	4623953	73.005	ng/ul	100
25) 2-Nitrophenol	9.786	139	1305120	95.207	ng/ul	98
26) 2,4-Dimethylphenol	9.845	107	2320904	74.545	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.086	93	2759066	71.407	ng/ul	99
29) 2,4-Dichlorophenol	10.316	162	2106019	87.765	ng/ul	99
30) Naphthalene	10.716	128	6780622	75.869	ng/ul	100
32) 4-Chloroaniline	10.839	127	3026913	74.126	ng/ul	98
33) Hexachlorobutadiene	10.986	225	1236943	92.210	ng/ul	100
34) Caprolactam	11.663	113	656637m	75.546	ng/ul	
35) 4-Chloro-3-methylphenol	11.969	107	2153456	76.266	ng/ul	100
36) 2-Methylnaphthalene	12.321	142	4802135	80.114	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.545	142	4772882	79.283	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.692	216	2532970	93.981	ng/ul	100
40) Hexachlorocyclopentadiene	12.663	237	1441961	93.019	ng/ul	99
41) 2,4,6-Trichlorophenol	12.939	196	1707371	98.864	ng/ul	98
42) 2,4,5-Trichlorophenol	13.010	196	1830934	96.508	ng/ul	98
43) 1,1'-Biphenyl	13.333	154	6015038	79.995	ng/ul	98
44) 2-Chloronaphthalene	13.374	162	4818273	83.175	ng/ul	100
45) 2-Nitroaniline	13.598	65	1401123	76.819	ng/ul	94
47) Dimethylphthalate	13.968	163	5923700	80.821	ng/ul	99
48) 2,6-Dinitrotoluene	14.092	165	1314429	99.917	ng/ul	94
50) Acenaphthylene	14.221	152	7338245	80.610	ng/ul	98
51) 3-Nitroaniline	14.421	138	1248647	78.639	ng/ul	100
52) Acenaphthene	14.563	153	5169757	79.124	ng/ul	100
53) 2,4-Dinitrophenol	14.627	184	884389	108.695	ng/ul	99
55) 4-Nitrophenol	14.745	109	830117	67.515	ng/ul	96
56) Dibenzofuran	14.898	168	6939342	79.847	ng/ul	99
57) 2,4-Dinitrotoluene	14.880	165	1856000	95.990	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.127	232	1583159	101.694	ng/ul	93
59) Diethylphthalate	15.327	149	5843905	78.258	ng/ul	99
61) Fluorene	15.545	166	5912358	80.091	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.539	204	2941248	86.592	ng/ul	99
63) 4-Nitroaniline	15.592	138	1111667m	74.407	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.639	198	1159562	96.815	ng/ul	98
67) N-Nitrosodiphenylamine	15.757	169	4975173	80.476	ng/ul	99
68) 4-Bromophenyl-phenylether	16.433	248	1861290	98.261	ng/ul	97
69) Hexachlorobenzene	16.539	284	2211721	100.902	ng/ul	98
70) Atrazine	16.715	200	1731177	80.442	ng/ul	99
71) Pentachlorophenol	16.892	266	1392719	99.831	ng/ul	97
72) Phenanthrene	17.280	178	9274627	79.437	ng/ul	98
74) Anthracene	17.374	178	9333503	80.014	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.298	216	2532760	93.056	ng/uL	99
76) Pentachlorobenzene	14.815	250	2686853	93.763	ng/uL	98
77) Carbazole	17.651	167	8451977	77.561	ng/ul	98
78) Di-n-butylphthalate	18.203	149	9999515	79.080	ng/ul	98
80) Fluoranthene	19.292	202	10739452	83.775	ng/ul	98
82) Pyrene	19.656	202	10901715	79.276	ng/ul	95
83) Butylbenzylphthalate	20.550	149	4833096	86.066	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.333	252	3851920	83.334	ng/ul	99
85) Benzo(a)anthracene	21.397	228	10511916	77.905	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.321	149	6839296	79.857	ng/ul#	96
87) Chrysene	21.450	228	9723599	76.392	ng/ul	95
89) Di-n-octyl phthalate	22.227	149	10901284	93.586	ng/ul	100
90) Benzo(b)fluoranthene	23.050	252	9895545	90.808	ng/ul	98
91) Benzo(k)fluoranthene	23.097	252	9250343	87.886	ng/ul	98
93) Benzo(a)pyrene	23.668	252	8145110	85.854	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.203	276	8734082	77.689	ng/ul	99
95) Dibenzo(a,h)anthracene	26.221	278	7856163	76.840	ng/ul	99
96) Benzo(g,h,i)perylene	26.956	276	7352040	74.845	ng/ul	100

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

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