Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112322\
Data File : BM037684.D
Acq On : 23 Nov 2022 21:02
Operator : CG/JU
Sample : SSTD02092
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 24 00:43:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 24 00:36:57 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020042

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/25/2022
Supervised By :mohammad ahmed 11/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.116	152	193393	20.000	ng/ul	0.00
20) Naphthalene-d8	10.939	136	957846	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.745	164	630615	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.474	188	1316881	20.000	ng/ul	0.00
79) Chrysene-d12	21.639	240	1332312	20.000	ng/ul	0.00
88) Perylene-d12	24.133	264	1297929	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	40681	9.273	ng/uL	0.00
4) Pyridine-d5	3.869	84	326057	24.897	ng/ul	0.00
7) Phenol-d5	7.263	99	405628	24.101	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.434	67	274923	26.619	ng/ul	0.00
11) 2-Chlorophenol-d4	7.640	132	286385	22.271	ng/ul	0.00
15) 4-Methylphenol-d8	8.822	113	325228	23.664	ng/ul	0.00
21) Nitrobenzene-d5	9.287	128	161763	22.608	ng/ul	0.00
24) 2-Nitrophenol-d4	10.016	143	159003	20.401	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.551	165	292054	20.325	ng/ul	0.00
31) 4-Chloroaniline-d4	11.075	131	482404	21.969	ng/ul	0.00
46) Dimethylphthalate-d6	14.145	166	969085	22.226	ng/ul	0.00
49) Acenaphthylene-d8	14.439	160	1158012	22.091	ng/ul	0.00
54) 4-Nitrophenol-d4	14.921	143	215896	24.772	ng/ul	0.00
60) Fluorene-d10	15.727	176	852954	21.937	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.839	200	139414	16.715	ng/ul	0.00
73) Anthracene-d10	17.574	188	1341527	22.120	ng/ul	0.00
81) Pyrene-d10	19.856	212	1445359	20.760	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	1428463	21.380	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.475	88	45099	9.785	ng/uL	100
5) Pyridine	3.893	79	328900	25.074	ng/ul	100
6) Benzaldehyde	7.245	77	269151	34.568	ng/ul	100
8) Phenol	7.287	94	422978	23.886	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.528	93	352935	24.843	ng/ul	100
12) 2-Chlorophenol	7.675	128	314850	22.627	ng/ul	100
13) 2-Methylphenol	8.557	108	322977	23.906	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.651	45	641864	31.811	ng/ul	100
16) Acetophenone	8.945	105	555795	25.216	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.928	70	328512	30.006	ng/ul	100
18) 4-Methylphenol	8.887	108	362000	24.324	ng/ul	100
19) Hexachloroethane	9.210	117	135818	24.595	ng/ul	100
22) Nitrobenzene	9.328	77	444567	25.743	ng/ul	100
23) Isophorone	9.857	82	911838	27.376	ng/ul	100
25) 2-Nitrophenol	10.045	139	184864	20.753	ng/ul	100
26) 2,4-Dimethylphenol	10.098	107	402983	24.059	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.339	93	517246	24.978	ng/ul	100
29) 2,4-Dichlorophenol	10.581	162	298817	20.208	ng/ul	100
30) Naphthalene	10.992	128	1132057	22.152	ng/ul	100
32) 4-Chloroaniline	11.098	127	506906	22.278	ng/ul	100
33) Hexachlorobutadiene	11.275	225	154019	16.913	ng/ul	100
34) Caprolactam	11.863	113	126417m	25.980	ng/ul	
35) 4-Chloro-3-methylphenol	12.204	107	393294	25.642	ng/ul	100
36) 2-Methylnaphthalene	12.586	142	793656	22.488	ng/ul	100

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37) 1-Methylnaphthalene	12.804	142	800805	22.550	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.951	216	328755	17.370	ng/ul	100
40) Hexachlorocyclopentadiene	12.927	237	183516	17.344	ng/ul	100
41) 2,4,6-Trichlorophenol	13.180	196	238978	19.560	ng/ul	100
42) 2,4,5-Trichlorophenol	13.251	196	258684	19.663	ng/ul	100
43) 1,1'-Biphenyl	13.580	154	1024350	21.855	ng/ul	100
44) 2-Chloronaphthalene	13.627	162	805601	21.390	ng/ul	100
45) 2-Nitroaniline	13.822	65	313788	31.598	ng/ul	100
47) Dimethylphthalate	14.192	163	1031768	22.215	ng/ul	100
48) 2,6-Dinitrotoluene	14.316	165	203118	22.336	ng/ul	100
50) Acenaphthylene	14.469	152	1310475	22.872	ng/ul	100
51) 3-Nitroaniline	14.639	138	249787	25.454	ng/ul	100
52) Acenaphthene	14.804	153	930914	22.834	ng/ul	100
53) 2,4-Dinitrophenol	14.839	184	103525	16.953	ng/ul	100
55) 4-Nitrophenol	14.933	109	189193	29.520	ng/ul	100
56) Dibenzofuran	15.139	168	1223977	22.235	ng/ul	100
57) 2,4-Dinitrotoluene	15.092	165	306743	23.021	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.357	232	214919	18.765	ng/ul	100
59) Diethylphthalate	15.551	149	1127769	24.380	ng/ul	100
61) Fluorene	15.780	166	1055959	22.678	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.774	204	453875	19.834	ng/ul	100
63) 4-Nitroaniline	15.798	138	255156	27.966	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.851	198	151448	17.092	ng/ul	100
67) N-Nitrosodiphenylamine	15.986	169	904016	23.158	ng/ul	100
68) 4-Bromophenyl-phenylether	16.663	248	215741	15.400	ng/ul	100
69) Hexachlorobenzene	16.780	284	292538	17.110	ng/ul	100
70) Atrazine	16.927	200	290608	21.029	ng/ul	100
71) Pentachlorophenol	17.121	266	179008	17.109	ng/ul	100
72) Phenanthrene	17.521	178	1665753	22.623	ng/ul	100
74) Anthracene	17.610	178	1713062	23.123	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.551	216	331387	17.366	ng/uL	100
76) Pentachlorobenzene	15.057	250	357510	17.218	ng/uL	100
77) Carbazole	17.874	167	1619222	24.227	ng/ul	100
78) Di-n-butylphthalate	18.433	149	2153214	27.963	ng/ul	100
80) Fluoranthene	19.521	202	1871546	21.846	ng/ul	100
82) Pyrene	19.886	202	1979040	21.927	ng/ul	100
83) Butylbenzylphthalate	20.762	149	941394	26.855	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.550	252	563783	18.259	ng/ul	100
85) Benzo(a)anthracene	21.627	228	1902365	22.249	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.533	149	1427785	29.211	ng/ul	100
87) Chrysene	21.680	228	1798574	22.356	ng/ul	100
89) Di-n-octyl phthalate	22.492	149	2442527	25.866	ng/ul	100
90) Benzo(b)fluoranthene	23.368	252	1864453	20.649	ng/ul	100
91) Benzo(k)fluoranthene	23.421	252	1864464	21.090	ng/ul	100
93) Benzo(a)pyrene	24.021	252	1645641	21.793	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.744	276	1875478	23.206	ng/ul	100
95) Dibenzo(a,h)anthracene	26.762	278	1674017	23.034	ng/ul	100
96) Benzo(g,h,i)perylene	27.550	276	1632609	23.577	ng/ul	100

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

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