Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112322\
Data File : BM037686.D
Acq On : 23 Nov 2022 22:16
Operator : CG/JU
Sample : SSTD08094
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 24 00:44:04 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 :
SSTD080044

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	218688	20.000	ng/ul	0.00
20) Naphthalene-d8	10.939	136	1078311	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.745	164	657296	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.480	188	1308367	20.000	ng/ul	0.00
79) Chrysene-d12	21.644	240	1365913	20.000	ng/ul	0.00
88) Perylene-d12	24.138	264	1285678	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	151721	30.583	ng/uL	0.00
4) Pyridine-d5	3.869	84	1386630	93.634	ng/ul	0.00
7) Phenol-d5	7.269	99	1773981	93.211	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.439	67	1183112	101.304	ng/ul	0.00
11) 2-Chlorophenol-d4	7.645	132	1296911	89.188	ng/ul	0.00
15) 4-Methylphenol-d8	8.833	113	1432106	92.149	ng/ul	0.01
21) Nitrobenzene-d5	9.292	128	712438	88.448	ng/ul	0.00
24) 2-Nitrophenol-d4	10.016	143	739347	84.266	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.557	165	1282972	79.312	ng/ul	0.00
31) 4-Chloroaniline-d4	11.080	131	1988297	80.433	ng/ul	0.00
46) Dimethylphthalate-d6	14.151	166	3804427	83.712	ng/ul	0.00
49) Acenaphthylene-d8	14.439	160	4514945	82.635	ng/ul	0.00
54) 4-Nitrophenol-d4	14.939	143	824215	90.731	ng/ul	0.02
60) Fluorene-d10	15.733	176	3271117	80.713	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	624228	75.327	ng/ul	0.01
73) Anthracene-d10	17.580	188	5121449m	84.994	ng/ul	0.00
81) Pyrene-d10	19.856	212	5974508	83.704	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.980	264	5709095	86.265	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.469	88	167180	32.075	ng/uL#	91
5) Pyridine	3.893	79	1395927	94.110	ng/ul	99
6) Benzaldehyde	7.245	77	804755	91.401	ng/ul	97
8) Phenol	7.298	94	1881364	93.954	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.534	93	1493074	92.942	ng/ul	99
12) 2-Chlorophenol	7.681	128	1395020	88.660	ng/ul	99
13) 2-Methylphenol	8.563	108	1434825	93.919	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.651	45	2721621	119.283	ng/ul	99
16) Acetophenone	8.951	105	2213717	88.818	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.951	70	1298787	104.909	ng/ul	98
18) 4-Methylphenol	8.898	108	1577905	93.762	ng/ul	98
19) Hexachloroethane	9.210	117	578407	92.626	ng/ul	98
22) Nitrobenzene	9.339	77	1894878	97.467	ng/ul	99
23) Isophorone	9.875	82	3677461	98.074	ng/ul	99
25) 2-Nitrophenol	10.051	139	812113	80.982	ng/ul	99
26) 2,4-Dimethylphenol	10.104	107	1678173	88.999	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.345	93	2046803	87.799	ng/ul	99
29) 2,4-Dichlorophenol	10.586	162	1304677	78.374	ng/ul	98
30) Naphthalene	10.992	128	4602050	79.992	ng/ul	99
32) 4-Chloroaniline	11.104	127	2031423	79.305	ng/ul	100
33) Hexachlorobutadiene	11.274	225	675670	65.908	ng/ul	99
34) Caprolactam	11.904	113	514118m	93.852	ng/ul	
35) 4-Chloro-3-methylphenol	12.216	107	1618211	93.717	ng/ul	100
36) 2-Methylnaphthalene	12.586	142	3218453	81.006	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.810	142	3239537	81.031	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.951	216	1438674	72.928	ng/ul	98
40) Hexachlorocyclopentadiene	12.933	237	860781	78.049	ng/ul	100
41) 2,4,6-Trichlorophenol	13.186	196	1013879	79.615	ng/ul	98
42) 2,4,5-Trichlorophenol	13.257	196	1090486	79.526	ng/ul	99
43) 1,1'-Biphenyl	13.586	154	4012554	82.136	ng/ul	98
44) 2-Chloronaphthalene	13.633	162	3117030	79.404	ng/ul	100
45) 2-Nitroaniline	13.833	65	1255951	121.337	ng/ul	93
47) Dimethylphthalate	14.204	163	3940624	81.403	ng/ul	99
48) 2,6-Dinitrotoluene	14.321	165	844407	89.086	ng/ul	99
50) Acenaphthylene	14.474	152	4972823	83.270	ng/ul	100
51) 3-Nitroaniline	14.651	138	930684	90.988	ng/ul	94
52) Acenaphthene	14.810	153	3530034	83.072	ng/ul	99
53) 2,4-Dinitrophenol	14.851	184	503656	79.129	ng/ul	96
55) 4-Nitrophenol	14.957	109	741689	111.030	ng/ul	91
56) Dibenzofuran	15.145	168	4509954	78.602	ng/ul	99
57) 2,4-Dinitrotoluene	15.104	165	1189744	85.665	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.362	232	877103	73.473	ng/ul	94
59) Diethylphthalate	15.557	149	4130675	85.670	ng/ul	97
61) Fluorene	15.786	166	3894340	80.240	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.774	204	1832420	76.826	ng/ul	95
63) 4-Nitroaniline	15.815	138	833109	87.605	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.862	198	649295	73.755	ng/ul#	99
67) N-Nitrosodiphenylamine	15.992	169	3279483	84.556	ng/ul	99
68) 4-Bromophenyl-phenylether	16.668	248	934673	67.152	ng/ul	94
69) Hexachlorobenzene	16.786	284	1137429	66.959	ng/ul	93
70) Atrazine	16.939	200	1123054	81.793	ng/ul	98
71) Pentachlorophenol	17.127	266	760705	73.178	ng/ul	98
72) Phenanthrene	17.527	178	6188829	84.597	ng/ul	98
74) Anthracene	17.615	178	6242138	84.804	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.551	216	1417553	74.767	ng/uL	100
76) Pentachlorobenzene	15.062	250	1448571	70.218	ng/uL	99
77) Carbazole	17.880	167	5791033	87.209	ng/ul	99
78) Di-n-butylphthalate	18.433	149	7372216	96.364	ng/ul	99
80) Fluoranthene	19.527	202	7427758	84.568	ng/ul#	93
82) Pyrene	19.892	202	7666204	82.851	ng/ul#	93
83) Butylbenzylphthalate	20.768	149	3516336	97.843	ng/ul#	91
84) 3,3'-Dichlorobenzidine	21.556	252	2252591	71.157	ng/ul#	98
85) Benzo(a)anthracene	21.633	228	7561350	86.258	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.538	149	5192407	103.617	ng/ul#	95
87) Chrysene	21.686	228	6994752	84.803	ng/ul	98
89) Di-n-octyl phthalate	22.491	149	8925831	95.422	ng/ul	100
90) Benzo(b)fluoranthene	23.380	252	7421010	82.972	ng/ul#	96
91) Benzo(k)fluoranthene	23.433	252	7157279	81.733	ng/ul#	96
93) Benzo(a)pyrene	24.038	252	6340453	84.764	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.773	276	7242296	90.467	ng/ul	95
95) Dibenzo(a,h)anthracene	26.791	278	6608916	91.801	ng/ul	96
96) Benzo(g,h,i)perylene	27.585	276	6249969	91.119	ng/ul	95

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

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