Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050323\
Data File : BM039829.D
Acq On : 03 May 2023 18:27
Operator : CG/JU
Sample : SSTD02053
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 04 00:41:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM050323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 03 23:57:35 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020015

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.772	152	93095	20.000	ng/ul	0.00
20) Naphthalene-d8	10.577	136	391141	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.436	164	236420	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.189	188	483918	20.000	ng/ul	0.00
79) Chrysene-d12	21.394	240	457376	20.000	ng/ul	0.00
88) Perylene-d12	23.747	264	494085	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.172	96	23598	9.730	ng/uL	0.00
4) Pyridine-d5	3.601	84	147580	21.656	ng/ul	0.00
7) Phenol-d5	6.960	99	175287	20.572	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.107	67	119697	21.254	ng/ul	0.00
11) 2-Chlorophenol-d4	7.307	132	146218	21.876	ng/ul	0.00
15) 4-Methylphenol-d8	8.507	113	136036	19.820	ng/ul	0.00
21) Nitrobenzene-d5	8.948	128	69131	21.969	ng/ul	0.00
24) 2-Nitrophenol-d4	9.672	143	79476	22.492	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.219	165	135368	22.264	ng/ul	0.00
31) 4-Chloroaniline-d4	10.736	131	179475	19.764	ng/ul	0.00
46) Dimethylphthalate-d6	13.854	166	406647	21.327	ng/ul	0.00
49) Acenaphthylene-d8	14.130	160	471249	22.000	ng/ul	0.00
54) 4-Nitrophenol-d4	14.689	143	42681	14.791	ng/ul	0.00
60) Fluorene-d10	15.430	176	338486	21.668	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.589	200	65862	20.481	ng/ul	0.00
73) Anthracene-d10	17.289	188	517772	22.248	ng/ul	0.00
81) Pyrene-d10	19.594	212	592886	19.508	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.594	264	577318	21.642	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.207	88	23705	8.931	ng/uL	100
5) Pyridine	3.619	79	154942	21.563	ng/ul	100
6) Benzaldehyde	6.925	77	73404	20.164	ng/ul	100
8) Phenol	6.989	94	181893	20.504	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.201	93	150583	20.359	ng/ul	100
12) 2-Chlorophenol	7.336	128	147134	21.877	ng/ul	100
13) 2-Methylphenol	8.236	108	140329	20.366	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.313	45	230686	22.455	ng/ul	100
16) Acetophenone	8.607	105	225691	20.019	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.589	70	129024	20.678	ng/ul	100
18) 4-Methylphenol	8.572	108	153022	20.570	ng/ul	100
19) Hexachloroethane	8.842	117	68344	22.374	ng/ul	100
22) Nitrobenzene	8.989	77	184469	23.742	ng/ul	100
23) Isophorone	9.513	82	362659	21.888	ng/ul	100
25) 2-Nitrophenol	9.701	139	82634	22.413	ng/ul	100
26) 2,4-Dimethylphenol	9.766	107	170331	22.608	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.001	93	207689	21.317	ng/ul	100
29) 2,4-Dichlorophenol	10.242	162	132515	22.126	ng/ul	100
30) Naphthalene	10.630	128	481609	22.254	ng/ul	100
32) 4-Chloroaniline	10.760	127	184002	20.564	ng/ul	100
33) Hexachlorobutadiene	10.901	225	89674	22.723	ng/ul	100
34) Caprolactam	11.554	113	45034m	20.192	ng/ul	
35) 4-Chloro-3-methylphenol	11.901	107	145641	20.827	ng/ul	100
36) 2-Methylnaphthalene	12.248	142	306290	21.112	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.466	142	307874	21.117	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.618	216	160556	22.625	ng/ul	100
40) Hexachlorocyclopentadiene	12.583	237	29991	7.093	ng/ul	100
41) 2,4,6-Trichlorophenol	12.877	196	102728	21.669	ng/ul	100
42) 2,4,5-Trichlorophenol	12.960	196	107880	21.894	ng/ul	100
43) 1,1'-Biphenyl	13.265	154	407074	22.280	ng/ul	100
44) 2-Chloronaphthalene	13.313	162	320057	22.331	ng/ul	100
45) 2-Nitroaniline	13.536	65	96640	23.365	ng/ul	100
47) Dimethylphthalate	13.901	163	407161	21.568	ng/ul	100
48) 2,6-Dinitrotoluene	14.036	165	81663	21.389	ng/ul	100
50) Acenaphthylene	14.160	152	511244	22.313	ng/ul	100
51) 3-Nitroaniline	14.371	138	60980	17.040	ng/ul	100
52) Acenaphthene	14.501	153	348104	22.066	ng/ul	100
53) 2,4-Dinitrophenol	14.601	184	32154	15.821	ng/ul	100
55) 4-Nitrophenol	14.707	109	34093	15.554	ng/ul	100
56) Dibenzofuran	14.836	168	478756	22.328	ng/ul	100
57) 2,4-Dinitrotoluene	14.836	165	116020	21.870	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.077	232	92404	20.951	ng/ul	100
59) Diethylphthalate	15.265	149	419034	21.413	ng/ul	100
61) Fluorene	15.489	166	397147	22.391	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.483	204	192092	21.850	ng/ul	100
63) 4-Nitroaniline	15.542	138	51159m	18.642	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.601	198	64614	20.899	ng/ul	100
67) N-Nitrosodiphenylamine	15.701	169	325075	22.547	ng/ul	100
68) 4-Bromophenyl-phenylether	16.377	248	113144	21.648	ng/ul	100
69) Hexachlorobenzene	16.495	284	130933	21.806	ng/ul	100
70) Atrazine	16.659	200	116494	21.775	ng/ul	100
71) Pentachlorophenol	16.853	266	64227	18.298	ng/ul	100
72) Phenanthrene	17.236	178	600272	22.343	ng/ul	100
74) Anthracene	17.324	178	619286	22.977	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.230	216	164470	22.821	ng/uL	100
76) Pentachlorobenzene	14.759	250	160342	22.603	ng/uL	100
77) Carbazole	17.606	167	541657	22.616	ng/ul	100
78) Di-n-butylphthalate	18.159	149	730042	21.551	ng/ul	100
80) Fluoranthene	19.259	202	698454	19.607	ng/ul	100
82) Pyrene	19.624	202	735208	19.936	ng/ul	100
83) Butylbenzylphthalate	20.524	149	341343	19.609	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.318	252	238822	23.547	ng/ul	100
85) Benzo(a)anthracene	21.377	228	699823	21.155	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.300	149	507172	19.592	ng/ul	100
87) Chrysene	21.430	228	680226	21.556	ng/ul	100
89) Di-n-octyl phthalate	22.206	149	875703	17.640	ng/ul	100
90) Benzo(b)fluoranthene	23.030	252	703683	20.241	ng/ul	100
91) Benzo(k)fluoranthene	23.077	252	718932	21.057	ng/ul	100
93) Benzo(a)pyrene	23.647	252	626052	21.364	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.188	276	817273	25.356	ng/ul	100
95) Dibenzo(a,h)anthracene	26.194	278	680354	25.458	ng/ul	100
96) Benzo(g,h,i)perylene	26.941	276	664602	25.883	ng/ul	100

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

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