Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042122\
Data File : BM034732.D
Acq On : 20 Apr 2022 20:11
Operator : CG/JU
Sample : SSTD02027
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 21 03:33:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM042122.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 21 03:29:13 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020027

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay
04/21/2022
Supervised By :mohammad ahmed
04/26/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	204318	20.000	ng/ul	0.00
20) Naphthalene-d8	10.751	136	821111	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.580	164	496336	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.321	188	938499	20.000	ng/ul	0.00
79) Chrysene-d12	21.497	240	846460	20.000	ng/ul	0.00
88) Perylene-d12	23.891	264	979934	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	39429	8.302	ng/uL	0.00
4) Pyridine-d5	3.799	84	247935	22.248	ng/ul	0.00
7) Phenol-d5	7.104	99	334713	22.373	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	196530	23.360	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	282745	21.856	ng/ul	0.00
15) 4-Methylphenol-d8	8.657	113	264861	21.828	ng/ul	0.00
21) Nitrobenzene-d5	9.104	128	123836	22.173	ng/ul	0.00
24) 2-Nitrophenol-d4	9.828	143	129201	22.686	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	274617	20.264	ng/ul	0.00
31) 4-Chloroaniline-d4	10.881	131	367020	20.719	ng/ul	0.00
46) Dimethylphthalate-d6	13.992	166	748039	20.109	ng/ul	0.00
49) Acenaphthylene-d8	14.274	160	987690	20.804	ng/ul	0.00
54) 4-Nitrophenol-d4	14.757	143	117650	20.494	ng/ul	0.00
60) Fluorene-d10	15.568	176	652004	20.203	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.680	200	91343	19.005	ng/ul	0.00
73) Anthracene-d10	17.415	188	958909	20.904	ng/ul	0.00
81) Pyrene-d10	19.703	212	1009719	22.337	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.739	264	1052407	20.904	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.416	88	39615	8.204	ng/uL	100
5) Pyridine	3.816	79	263588	22.827	ng/ul	100
6) Benzaldehyde	7.081	77	179712	22.946	ng/ul	100
8) Phenol	7.134	94	329774	22.337	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.369	93	259453	22.352	ng/ul	100
12) 2-Chlorophenol	7.510	128	287496	21.973	ng/ul	100
13) 2-Methylphenol	8.387	108	249335	21.944	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.481	45	382577	25.161	ng/ul	100
16) Acetophenone	8.769	105	412051	22.509	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.763	70	203165	23.465	ng/ul	100
18) 4-Methylphenol	8.716	108	268095	22.084	ng/ul	100
19) Hexachloroethane	9.039	117	120537	22.209	ng/ul	100
22) Nitrobenzene	9.145	77	290825	23.007	ng/ul	100
23) Isophorone	9.681	82	527674	21.497	ng/ul	100
25) 2-Nitrophenol	9.863	139	145590	22.952	ng/ul	100
26) 2,4-Dimethylphenol	9.928	107	305687	21.511	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.163	93	333681	21.607	ng/ul	100
29) 2,4-Dichlorophenol	10.398	162	265701	20.469	ng/ul	100
30) Naphthalene	10.804	128	878356	20.802	ng/ul	100
32) 4-Chloroaniline	10.904	127	366019	20.940	ng/ul	100
33) Hexachlorobutadiene	11.104	225	184427	18.902	ng/ul	100
34) Caprolactam	11.669	113	61981m	19.952	ng/ul	
35) 4-Chloro-3-methylphenol	12.028	107	257136	21.221	ng/ul	100
36) 2-Methylnaphthalene	12.410	142	610264	20.760	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.627	142	612768	20.657	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.780	216	319834	17.978	ng/ul	100
40) Hexachlorocyclopentadiene	12.769	237	212985	17.413	ng/ul	100
41) 2,4,6-Trichlorophenol	13.016	196	197333	18.841	ng/ul	100
42) 2,4,5-Trichlorophenol	13.080	196	210017	19.015	ng/ul	100
43) 1,1'-Biphenyl	13.422	154	810488	19.619	ng/ul	100
44) 2-Chloronaphthalene	13.457	162	627630	19.533	ng/ul	100
45) 2-Nitroaniline	13.651	65	140760	23.472	ng/ul	100
47) Dimethylphthalate	14.039	163	739490	20.657	ng/ul	100
48) 2,6-Dinitrotoluene	14.151	165	133201	22.483	ng/ul	100
50) Acenaphthylene	14.304	152	980749	20.973	ng/ul	100
51) 3-Nitroaniline	14.474	138	87195	17.162	ng/ul	100
52) Acenaphthene	14.645	153	642578	20.986	ng/ul	100
53) 2,4-Dinitrophenol	14.674	184	59189	17.862	ng/ul	100
55) 4-Nitrophenol	14.774	109	101352	23.174	ng/ul	100
56) Dibenzofuran	14.980	168	911376	20.574	ng/ul	100
57) 2,4-Dinitrotoluene	14.933	165	189384	22.728	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.198	232	163620	18.398	ng/ul	100
59) Diethylphthalate	15.404	149	738430	21.218	ng/ul	100
61) Fluorene	15.627	166	730766	20.398	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.621	204	369967	19.273	ng/ul	100
63) 4-Nitroaniline	15.627	138	67146	14.438	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.692	198	94950	19.384	ng/ul	100
67) N-Nitrosodiphenylamine	15.833	169	615885	21.895	ng/ul	100
68) 4-Bromophenyl-phenylether	16.515	248	212505	19.297	ng/ul	100
69) Hexachlorobenzene	16.627	284	236116	18.211	ng/ul	100
70) Atrazine	16.780	200	210383	19.415	ng/ul	100
71) Pentachlorophenol	16.968	266	135005	17.057	ng/ul	100
72) Phenanthrene	17.362	178	1087868	21.127	ng/ul	100
74) Anthracene	17.451	178	1108001	21.209	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.380	216	325954	19.396	ng/uL	100
76) Pentachlorobenzene	14.898	250	297162	19.196	ng/uL	100
77) Carbazole	17.715	167	968221	21.200	ng/ul	100
78) Di-n-butylphthalate	18.298	149	1162791	22.446	ng/ul	100
80) Fluoranthene	19.374	202	1191819	22.864	ng/ul	100
82) Pyrene	19.733	202	1216613	22.728	ng/ul	100
83) Butylbenzylphthalate	20.639	149	470735	26.877	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.409	252	346919	19.787	ng/ul	100
85) Benzo(a)anthracene	21.480	228	1128821	21.523	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.427	149	736704	26.315	ng/ul	100
87) Chrysene	21.533	228	1103616	21.641	ng/ul	100
89) Di-n-octyl phthalate	22.350	149	1168614	21.907	ng/ul	100
90) Benzo(b)fluoranthene	23.168	252	1172795	19.221	ng/ul	100
91) Benzo(k)fluoranthene	23.215	252	1069923	18.691	ng/ul	100
93) Benzo(a)pyrene	23.791	252	1279360	21.659	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.385	276	1487397	20.949	ng/ul	100
95) Dibenzo(a,h)anthracene	26.403	278	1293510	21.151	ng/ul	100
96) Benzo(g,h,i)perylene	27.144	276	1264263	20.826	ng/ul	100

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

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