Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090222\
Data File : BM036483.D
Acq On : 02 Sep 2022 09:47
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020166

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/03/2022
Supervised By :Sohil Jodhani 09/03/2022

Quant Time: Sep 02 23:14:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 02 01:33:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	206809	20.000	ng/ul	0.00
20) Naphthalene-d8	10.522	136	1111090	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.374	164	700989	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.121	188	1466231	20.000	ng/ul	0.00
79) Chrysene-d12	21.309	240	1436127	20.000	ng/ul	0.00
88) Perylene-d12	23.597	264	1332386	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	39923	7.357	ng/uL	0.00
4) Pyridine-d5	3.558	84	286859	19.169	ng/ul	0.00
7) Phenol-d5	6.904	99	319656	18.108	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	214364	19.292	ng/ul	0.00
11) 2-Chlorophenol-d4	7.251	132	256706	18.508	ng/ul	0.00
15) 4-Methylphenol-d8	8.445	113	255316	19.370	ng/ul	0.00
21) Nitrobenzene-d5	8.893	128	132282	15.703	ng/ul	0.00
24) 2-Nitrophenol-d4	9.610	143	144086	16.862	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.151	165	286875	18.789	ng/ul	0.00
31) 4-Chloroaniline-d4	10.675	131	449613	18.995	ng/ul	0.00
46) Dimethylphthalate-d6	13.798	166	863092	19.462	ng/ul	0.00
49) Acenaphthylene-d8	14.069	160	1042776	18.853	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	155062	18.453	ng/ul	0.00
60) Fluorene-d10	15.369	176	784860	19.585	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	131207	17.406	ng/ul	0.00
73) Anthracene-d10	17.215	188	1205106	18.484	ng/ul	0.00
81) Pyrene-d10	19.515	212	1361514	18.276	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.450	264	1205522	18.454	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.163	88	44428	7.773	ng/uL	92
5) Pyridine	3.575	79	300693	19.451	ng/ul	95
6) Benzaldehyde	6.869	77	168717	23.268	ng/ul	91
8) Phenol	6.928	94	337851	18.408	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.157	93	271422	18.489	ng/ul	99
12) 2-Chlorophenol	7.287	128	266092	18.346	ng/ul	98
13) 2-Methylphenol	8.181	108	250957	18.549	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.263	45	405338	20.638	ng/ul	99
16) Acetophenone	8.557	105	427033	20.143	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.545	70	222721	21.108	ng/ul	98
18) 4-Methylphenol	8.510	108	284412	19.639	ng/ul	99
19) Hexachloroethane	8.793	117	114385	18.851	ng/ul	89
22) Nitrobenzene	8.934	77	327032	16.384	ng/ul	98
23) Isophorone	9.463	82	625259	17.640	ng/ul	96
25) 2-Nitrophenol	9.645	139	162555	17.075	ng/ul	97
26) 2,4-Dimethylphenol	9.710	107	338679	17.789	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.951	93	446109	19.332	ng/ul	98
29) 2,4-Dichlorophenol	10.175	162	293604	18.796	ng/ul	99
30) Naphthalene	10.569	128	1074833	18.431	ng/ul	99
32) 4-Chloroaniline	10.698	127	459162	19.072	ng/ul	99
33) Hexachlorobutadiene	10.845	225	178338	18.173	ng/ul	99
34) Caprolactam	11.492	113	91642	19.580	ng/ul	94
35) 4-Chloro-3-methylphenol	11.828	107	319832	20.250	ng/ul	99
36) 2-Methylnaphthalene	12.186	142	718995	19.651	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.410	142	724272	19.656	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.557	216	339746	17.535	ng/ul	99
40) Hexachlorocyclopentadiene	12.528	237	272739	23.728	ng/ul	97
41) 2,4,6-Trichlorophenol	12.810	196	228535	18.745	ng/ul	97
42) 2,4,5-Trichlorophenol	12.880	196	240501	18.597	ng/ul	99
43) 1,1'-Biphenyl	13.210	154	955111	18.116	ng/ul	99
44) 2-Chloronaphthalene	13.251	162	728007	17.995	ng/ul	99
45) 2-Nitroaniline	13.469	65	213336	19.474	ng/ul	95
47) Dimethylphthalate	13.845	163	885406	19.396	ng/ul	100
48) 2,6-Dinitrotoluene	13.969	165	170971	19.850	ng/ul#	85
50) Acenaphthylene	14.098	152	1228367	18.832	ng/ul	99
51) 3-Nitroaniline	14.298	138	179615	19.069	ng/ul	99
52) Acenaphthene	14.439	153	802364	18.873	ng/ul	98
53) 2,4-Dinitrophenol	14.510	184	101647	21.655	ng/ul	89
55) 4-Nitrophenol	14.616	109	128309	19.326	ng/ul	82
56) Dibenzofuran	14.774	168	1126850	19.102	ng/ul	97
57) 2,4-Dinitrotoluene	14.757	165	254902	20.868	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	15.004	232	198095	20.175	ng/ul#	90
59) Diethylphthalate	15.210	149	933005	20.734	ng/ul	99
61) Fluorene	15.421	166	927687	19.827	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.421	204	432667	19.795	ng/ul	99
63) 4-Nitroaniline	15.463	138	180292m	20.519	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.516	198	134562	17.656	ng/ul	92
67) N-Nitrosodiphenylamine	15.639	169	757973	18.082	ng/ul	98
68) 4-Bromophenyl-phenylether	16.316	248	247362	18.220	ng/ul	98
69) Hexachlorobenzene	16.421	284	295324	17.950	ng/ul	95
70) Atrazine	16.598	200	264602	18.474	ng/ul	95
71) Pentachlorophenol	16.774	266	195104	21.510	ng/ul	99
72) Phenanthrene	17.163	178	1437979	18.655	ng/ul	98
74) Anthracene	17.251	178	1442469	18.666	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.169	216	351900	15.995	ng/uL	98
76) Pentachlorobenzene	14.686	250	346693	16.877	ng/uL	99
77) Carbazole	17.533	167	1327163	18.343	ng/ul	99
78) Di-n-butylphthalate	18.098	149	1602212	20.246	ng/ul	99
80) Fluoranthene	19.180	202	1645733	18.279	ng/ul	100
82) Pyrene	19.545	202	1720880	18.316	ng/ul	98
83) Butylbenzylphthalate	20.451	149	696832	19.825	ng/ul	88
84) 3,3'-Dichlorobenzidine	21.233	252	520332	17.595	ng/ul	100
85) Benzo(a)anthracene	21.292	228	1618721	18.756	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.227	149	1067851	22.004	ng/ul#	97
87) Chrysene	21.345	228	1554201	18.328	ng/ul	99
89) Di-n-octyl phthalate	22.121	149	1739999	21.968	ng/ul	100
90) Benzo(b)fluoranthene	22.903	252	1597812	19.669	ng/ul	98
91) Benzo(k)fluoranthene	22.950	252	1472616	19.054	ng/ul	98
93) Benzo(a)pyrene	23.497	252	1489991	18.644	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.962	276	1482674	15.780	ng/ul	96
95) Dibenzo(a,h)anthracene	25.980	278	1266393	15.646	ng/ul	98
96) Benzo(g,h,i)perylene	26.685	276	1219151	15.173	ng/ul	99

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

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