Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081822\
Data File : BM036343.D
Acq On : 18 Aug 2022 11:36
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 18 12:13:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 16 15:00:33 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020152

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/19/2022
Supervised By :Sohil Jodhani 08/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	220855	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.592	136	967456	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.439	164	563510	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.180	188	1097071	20.000	ng/ul	-0.01
79) Chrysene-d12	21.368	240	1060247	20.000	ng/ul	0.00
88) Perylene-d12	23.697	264	1093393	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	42009	7.249	ng/uL	0.00
4) Pyridine-d5	3.628	84	300148	18.782	ng/ul	-0.01
7) Phenol-d5	6.975	99	357426	18.960	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.134	67	227905	19.206	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	291799	19.700	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	270225	19.198	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	142936	19.487	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.687	143	146314	19.665	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	263749	19.839	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.745	131	391870	19.014	ng/ul	-0.01
46) Dimethylphthalate-d6	13.857	166	698226	19.585	ng/ul	-0.01
49) Acenaphthylene-d8	14.133	160	881779	19.831	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	120202	17.794	ng/ul	-0.01
60) Fluorene-d10	15.433	176	640670	19.888	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	93675	16.609	ng/ul	0.00
73) Anthracene-d10	17.280	188	952294	19.522	ng/ul	0.00
81) Pyrene-d10	19.580	212	1056957	19.218	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.550	264	1042365	19.444	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	44764	7.334	ng/uL	95
5) Pyridine	3.652	79	301385	18.256	ng/ul	91
6) Benzaldehyde	6.940	77	172525	22.280	ng/ul	94
8) Phenol	7.004	94	375415	19.154	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.228	93	297559	18.981	ng/ul	98
12) 2-Chlorophenol	7.357	128	300815	19.421	ng/ul	99
13) 2-Methylphenol	8.251	108	277782	19.226	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.334	45	410766	19.584	ng/ul	97
16) Acetophenone	8.628	105	444135	19.618	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.610	70	221858	19.689	ng/ul	98
18) 4-Methylphenol	8.581	108	302108	19.534	ng/ul	99
19) Hexachloroethane	8.869	117	128038	19.759	ng/ul	92
22) Nitrobenzene	9.004	77	333069	19.164	ng/ul	97
23) Isophorone	9.534	82	602521	19.522	ng/ul	97
25) 2-Nitrophenol	9.716	139	162511	19.605	ng/ul	98
26) 2,4-Dimethylphenol	9.781	107	321963	19.422	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.016	93	388312	19.326	ng/ul	99
29) 2,4-Dichlorophenol	10.251	162	269368	19.804	ng/ul	98
30) Naphthalene	10.645	128	976418	19.229	ng/ul	100
32) 4-Chloroaniline	10.769	127	403960	19.270	ng/ul	99
33) Hexachlorobutadiene	10.922	225	165714	19.393	ng/ul	99
34) Caprolactam	11.557	113	78034	19.148	ng/ul	93
35) 4-Chloro-3-methylphenol	11.904	107	274284	19.944	ng/ul	94
36) 2-Methylnaphthalene	12.257	142	623554	19.573	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.480	142	628003	19.573	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.628	216	299098	19.203	ng/ul	97
40) Hexachlorocyclopentadiene	12.598	237	125652	13.598	ng/ul	99
41) 2,4,6-Trichlorophenol	12.880	196	196023	20.001	ng/ul	99
42) 2,4,5-Trichlorophenol	12.951	196	208253	20.032	ng/ul	99
43) 1,1'-Biphenyl	13.275	154	815263	19.236	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	630516	19.387	ng/ul	99
45) 2-Nitroaniline	13.533	65	175113	19.884	ng/ul	95
47) Dimethylphthalate	13.904	163	715606	19.501	ng/ul	99
48) 2,6-Dinitrotoluene	14.033	165	142157	20.532	ng/ul	90
50) Acenaphthylene	14.163	152	1033393	19.708	ng/ul	99
51) 3-Nitroaniline	14.363	138	144968	19.146	ng/ul	98
52) Acenaphthene	14.504	153	662053	19.372	ng/ul	98
53) 2,4-Dinitrophenol	14.574	184	55908	14.817	ng/ul	94
55) 4-Nitrophenol	14.680	109	98219	18.403	ng/ul	80
56) Dibenzofuran	14.839	168	929968	19.611	ng/ul	97
57) 2,4-Dinitrotoluene	14.816	165	204514	20.828	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.069	232	160792	20.371	ng/ul#	93
59) Diethylphthalate	15.269	149	728720	20.145	ng/ul	99
61) Fluorene	15.486	166	751757	19.986	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.486	204	352419	20.058	ng/ul	97
63) 4-Nitroaniline	15.521	138	138881m	19.662	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.580	198	95841	16.807	ng/ul	95
67) N-Nitrosodiphenylamine	15.698	169	609089	19.420	ng/ul	98
68) 4-Bromophenyl-phenylether	16.380	248	199167	19.606	ng/ul	97
69) Hexachlorobenzene	16.486	284	239962	19.493	ng/ul	97
70) Atrazine	16.657	200	207889	19.399	ng/ul	99
71) Pentachlorophenol	16.839	266	125798	18.536	ng/ul	97
72) Phenanthrene	17.227	178	1126924	19.540	ng/ul	98
74) Anthracene	17.315	178	1141614	19.744	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.239	216	306475	18.618	ng/uL	98
76) Pentachlorobenzene	14.757	250	294459	19.158	ng/uL	100
77) Carbazole	17.592	167	1044358	19.291	ng/ul	99
78) Di-n-butylphthalate	18.157	149	1200768	20.279	ng/ul	99
80) Fluoranthene	19.245	202	1279595	19.251	ng/ul	97
82) Pyrene	19.609	202	1332091	19.205	ng/ul	95
83) Butylbenzylphthalate	20.509	149	525667	20.257	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.292	252	422200	19.338	ng/ul	98
85) Benzo(a)anthracene	21.356	228	1259778	19.772	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	763746	21.317	ng/ul	98
87) Chrysene	21.409	228	1233675	19.706	ng/ul	100
89) Di-n-octyl phthalate	22.186	149	1287594	19.810	ng/ul	100
90) Benzo(b)fluoranthene	22.992	252	1328084	19.922	ng/ul	97
91) Benzo(k)fluoranthene	23.039	252	1216659	19.183	ng/ul	98
93) Benzo(a)pyrene	23.597	252	1282442	19.555	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.115	276	1473197	19.106	ng/ul	95
95) Dibenzo(a,h)anthracene	26.127	278	1271986	19.150	ng/ul	97
96) Benzo(g,h,i)perylene	26.856	276	1247741	18.923	ng/ul	96

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

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