Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081722\
Data File : BM036323.D
Acq On : 17 Aug 2022 19:50
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020150

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/18/2022
Supervised By :Sohil Jodhani 08/19/2022

Quant Time: Aug 18 05:17:36 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	269601	20.000	ng/ul	0.00
20) Naphthalene-d8	10.604	136	1173023	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	646515	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	1171539	20.000	ng/ul	0.00
79) Chrysene-d12	21.368	240	1028129	20.000	ng/ul	0.00
88) Perylene-d12	23.697	264	1054211	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	50576	7.149	ng/uL	0.00
4) Pyridine-d5	3.634	84	338212	17.337	ng/ul	0.00
7) Phenol-d5	6.981	99	424605	18.451	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	272329	18.800	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	354052	19.581	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	327417	19.055	ng/ul	0.00
21) Nitrobenzene-d5	8.969	128	174274	19.595	ng/ul	0.00
24) 2-Nitrophenol-d4	9.692	143	179021	19.844	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	318229	19.742	ng/ul	0.00
31) 4-Chloroaniline-d4	10.751	131	454377	18.183	ng/ul	0.00
46) Dimethylphthalate-d6	13.863	166	790671	19.331	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	998114	19.566	ng/ul	0.00
54) 4-Nitrophenol-d4	14.674	143	127326	16.429	ng/ul	0.00
60) Fluorene-d10	15.439	176	696413	18.843	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	102335	16.991	ng/ul	0.00
73) Anthracene-d10	17.286	188	998765	19.173	ng/ul	0.00
81) Pyrene-d10	19.580	212	1037420	19.452	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.550	264	1004225	19.429	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	52979	7.110	ng/uL	93
5) Pyridine	3.658	79	352082	17.471	ng/ul	88
6) Benzaldehyde	6.946	77	197094	20.850	ng/ul	95
8) Phenol	7.010	94	445251	18.609	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.234	93	361764	18.904	ng/ul	98
12) 2-Chlorophenol	7.369	128	369130	19.523	ng/ul	99
13) 2-Methylphenol	8.257	108	337697	19.147	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.340	45	492358	19.230	ng/ul	97
16) Acetophenone	8.634	105	542711	19.638	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.616	70	271175	19.714	ng/ul	96
18) 4-Methylphenol	8.593	108	360776	19.110	ng/ul	99
19) Hexachloroethane	8.875	117	155701	19.683	ng/ul	89
22) Nitrobenzene	9.010	77	401612	19.058	ng/ul	98
23) Isophorone	9.540	82	720901	19.264	ng/ul	97
25) 2-Nitrophenol	9.722	139	195891	19.490	ng/ul	97
26) 2,4-Dimethylphenol	9.787	107	390716	19.439	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.028	93	467510	19.190	ng/ul	99
29) 2,4-Dichlorophenol	10.257	162	322810	19.574	ng/ul	99
30) Naphthalene	10.651	128	1171237	19.024	ng/ul	99
32) 4-Chloroaniline	10.775	127	462636	18.202	ng/ul	98
33) Hexachlorobutadiene	10.928	225	206344	19.916	ng/ul	99
34) Caprolactam	11.569	113	85751	17.354	ng/ul	91
35) 4-Chloro-3-methylphenol	11.910	107	317487	19.040	ng/ul	99
36) 2-Methylnaphthalene	12.269	142	736527	19.067	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.486	142	739217	19.002	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.633	216	352705	19.738	ng/ul	99
40) Hexachlorocyclopentadiene	12.604	237	180251	17.003	ng/ul	97
41) 2,4,6-Trichlorophenol	12.886	196	228485	20.320	ng/ul	99
42) 2,4,5-Trichlorophenol	12.957	196	237099	19.879	ng/ul	98
43) 1,1'-Biphenyl	13.280	154	946123	19.458	ng/ul	99
44) 2-Chloronaphthalene	13.322	162	726963	19.483	ng/ul	99
45) 2-Nitroaniline	13.539	65	196278	19.426	ng/ul	96
47) Dimethylphthalate	13.910	163	810528	19.252	ng/ul	100
48) 2,6-Dinitrotoluene	14.033	165	158603	19.966	ng/ul	88
50) Acenaphthylene	14.169	152	1165032	19.366	ng/ul	99
51) 3-Nitroaniline	14.369	138	153998	17.727	ng/ul	99
52) Acenaphthene	14.510	153	747056	19.052	ng/ul	99
53) 2,4-Dinitrophenol	14.580	184	63012	14.555	ng/ul	97
55) 4-Nitrophenol	14.686	109	101148	16.518	ng/ul	83
56) Dibenzofuran	14.845	168	1027810	18.891	ng/ul	98
57) 2,4-Dinitrotoluene	14.822	165	219733	19.505	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.074	232	177685	19.621	ng/ul#	94
59) Diethylphthalate	15.269	149	797353	19.212	ng/ul	99
61) Fluorene	15.492	166	805206	18.659	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.486	204	389037	19.299	ng/ul	97
63) 4-Nitroaniline	15.527	138	143815m	17.747	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.580	198	104457	17.153	ng/ul	92
67) N-Nitrosodiphenylamine	15.704	169	656234	19.593	ng/ul	99
68) 4-Bromophenyl-phenylether	16.380	248	218507	20.143	ng/ul	95
69) Hexachlorobenzene	16.486	284	256782	19.533	ng/ul	94
70) Atrazine	16.663	200	215248	18.809	ng/ul	97
71) Pentachlorophenol	16.845	266	129968	17.933	ng/ul	97
72) Phenanthrene	17.227	178	1160812	18.848	ng/ul	98
74) Anthracene	17.321	178	1177772	19.075	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.245	216	359981	20.479	ng/uL	97
76) Pentachlorobenzene	14.757	250	325970	19.860	ng/uL	98
77) Carbazole	17.598	167	1052668	18.209	ng/ul	99
78) Di-n-butylphthalate	18.162	149	1231799	19.481	ng/ul	99
80) Fluoranthene	19.245	202	1268956	19.687	ng/ul	98
82) Pyrene	19.609	202	1309142	19.463	ng/ul	97
83) Butylbenzylphthalate	20.509	149	523516	20.805	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.292	252	408671	19.303	ng/ul	98
85) Benzo(a)anthracene	21.356	228	1204812	19.500	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.286	149	751783	21.638	ng/ul	99
87) Chrysene	21.403	228	1173930	19.337	ng/ul	99
89) Di-n-octyl phthalate	22.186	149	1253545	20.003	ng/ul	100
90) Benzo(b)fluoranthene	22.992	252	1276225	19.856	ng/ul	97
91) Benzo(k)fluoranthene	23.039	252	1148442	18.781	ng/ul	97
93) Benzo(a)pyrene	23.597	252	1226678	19.400	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.115	276	1428823	19.219	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.133	278	1238677	19.342	ng/ul	97
96) Benzo(g,h,i)perylene	26.856	276	1223178	19.240	ng/ul	97

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

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