Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030822\
Data File : BM034202.D
Acq On : 10 Mar 2022 02:00
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020102

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/10/2022
Supervised By :Yogesh Patel 03/11/2022

Quant Time: Mar 10 03:50:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030822.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 08 13:09:16 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.984	152	173323	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.801	136	657409	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.624	164	398274	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.359	188	787309	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.530	240	822599	20.000	ng/ul	-0.01
88) Perylene-d12	23.971	264	910553	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.366	96	31754	8.426	ng/uL	0.00
4) Pyridine-d5	3.790	84	218616	19.929	ng/ul	0.00
7) Phenol-d5	7.137	99	259404	19.101	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.307	67	145915	19.962	ng/ul	0.00
11) 2-Chlorophenol-d4	7.513	132	231823	20.592	ng/ul	0.00
15) 4-Methylphenol-d8	8.689	113	209896	18.445	ng/ul	0.00
21) Nitrobenzene-d5	9.148	128	107235	21.052	ng/ul	0.00
24) 2-Nitrophenol-d4	9.872	143	116150	20.995	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.413	165	231491	20.290	ng/ul	0.00
31) 4-Chloroaniline-d4	10.930	131	283882	18.212	ng/ul	0.00
46) Dimethylphthalate-d6	14.030	166	601796	19.912	ng/ul	0.00
49) Acenaphthylene-d8	14.318	160	780138	20.643	ng/ul	0.00
54) 4-Nitrophenol-d4	14.801	143	101827	18.107	ng/ul	0.00
60) Fluorene-d10	15.613	176	521438	19.386	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.718	200	94615	18.622	ng/ul	0.00
73) Anthracene-d10	17.459	188	786900	20.290	ng/ul	0.00
81) Pyrene-d10	19.748	212	906909	20.057	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.812	264	988450	20.464	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.407	88	33588	8.233	ng/uL#	72
5) Pyridine	3.807	79	220334	19.866	ng/ul#	69
6) Benzaldehyde	7.113	77	121371	17.414	ng/ul#	73
8) Phenol	7.166	94	261163	19.012	ng/ul#	77
10) Bis(2-Chloroethyl)ether	7.401	93	207713	19.484	ng/ul#	82
12) 2-Chlorophenol	7.548	128	234508	20.166	ng/ul#	80
13) 2-Methylphenol	8.425	108	201815	18.842	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.519	45	189714	20.050	ng/ul#	80
16) Acetophenone	8.807	105	326225	18.196	ng/ul#	81
17) N-Nitroso-di-n-propyla...	8.795	70	152904	18.669	ng/ul#	79
18) 4-Methylphenol	8.754	108	216755	18.528	ng/ul	98
19) Hexachloroethane	9.078	117	97932	20.479	ng/ul#	65
22) Nitrobenzene	9.189	77	236661	20.546	ng/ul#	85
23) Isophorone	9.719	82	409398	19.713	ng/ul#	91
25) 2-Nitrophenol	9.907	139	126231	20.939	ng/ul#	70
26) 2,4-Dimethylphenol	9.966	107	245067	20.098	ng/ul	89
27) Bis(2-Chloroethoxy)met...	10.201	93	258560	19.859	ng/ul#	99
29) 2,4-Dichlorophenol	10.442	162	227686	20.192	ng/ul	94
30) Naphthalene	10.848	128	706666	20.077	ng/ul	99
32) 4-Chloroaniline	10.954	127	288241	18.159	ng/ul	99
33) Hexachlorobutadiene	11.148	225	179063	20.852	ng/ul	97
34) Caprolactam	11.707	113	56136m	16.545	ng/ul	
35) 4-Chloro-3-methylphenol	12.072	107	204518	18.563	ng/ul#	73
36) 2-Methylnaphthalene	12.460	142	488785	19.362	ng/ul	99

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37) 1-Methylnaphthalene	12.677	142	491883	19.017	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.824	216	306519	22.032	ng/ul#	95
40) Hexachlorocyclopentadiene	12.813	237	207462	22.088	ng/ul	97
41) 2,4,6-Trichlorophenol	13.060	196	182960	21.544	ng/ul	97
42) 2,4,5-Trichlorophenol	13.124	196	196861	21.018	ng/ul	94
43) 1,1'-Biphenyl	13.460	154	657657	21.209	ng/ul#	97
44) 2-Chloronaphthalene	13.501	162	513695	21.077	ng/ul	96
45) 2-Nitroaniline	13.695	65	115300	20.558	ng/ul#	63
47) Dimethylphthalate	14.077	163	604692	19.782	ng/ul	100
48) 2,6-Dinitrotoluene	14.189	165	120996	19.914	ng/ul#	84
50) Acenaphthylene	14.342	152	781149	20.500	ng/ul	99
51) 3-Nitroaniline	14.513	138	81977	14.752	ng/ul#	74
52) Acenaphthene	14.689	153	503554	19.959	ng/ul	96
53) 2,4-Dinitrophenol	14.718	184	64735	16.839	ng/ul#	69
55) 4-Nitrophenol	14.813	109	89327	18.316	ng/ul#	75
56) Dibenzofuran	15.018	168	739816	19.909	ng/ul	91
57) 2,4-Dinitrotoluene	14.971	165	170681	19.211	ng/ul#	69
58) 2,3,4,6-Tetrachlorophenol	15.242	232	156760	19.309	ng/ul#	87
59) Diethylphthalate	15.436	149	576357	19.208	ng/ul	99
61) Fluorene	15.665	166	594217	19.439	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.660	204	323392	19.650	ng/ul#	87
63) 4-Nitroaniline	15.671	138	77191	15.016	ng/ul#	72
66) 4,6-Dinitro-2-methylph...	15.736	198	98326	19.165	ng/ul#	81
67) N-Nitrosodiphenylamine	15.871	169	502481	21.404	ng/ul	98
68) 4-Bromophenyl-phenylether	16.554	248	189293	21.991	ng/ul#	87
69) Hexachlorobenzene	16.671	284	234659	20.954	ng/ul#	88
70) Atrazine	16.818	200	185603	19.528	ng/ul	96
71) Pentachlorophenol	17.012	266	135683	19.092	ng/ul	98
72) Phenanthrene	17.407	178	908681	20.400	ng/ul	99
74) Anthracene	17.495	178	910838	20.236	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.430	216	317720	23.551	ng/uL	97
76) Pentachlorobenzene	14.942	250	288430	22.832	ng/uL	99
77) Carbazole	17.759	167	785277	19.565	ng/ul	99
78) Di-n-butylphthalate	18.330	149	878930	20.090	ng/ul#	98
80) Fluoranthene	19.412	202	1064811	20.062	ng/ul#	93
82) Pyrene	19.777	202	1091490	19.881	ng/ul#	91
83) Butylbenzylphthalate	20.665	149	375540	19.989	ng/ul#	79
84) 3,3'-Dichlorobenzidine	21.447	252	292005	18.251	ng/ul#	96
85) Benzo(a)anthracene	21.518	228	1106436	20.403	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.447	149	550326	20.012	ng/ul#	98
87) Chrysene	21.571	228	1077454	20.340	ng/ul	98
89) Di-n-octyl phthalate	22.383	149	925936	16.367	ng/ul	100
90) Benzo(b)fluoranthene	23.224	252	1241243	19.694	ng/ul#	98
91) Benzo(k)fluoranthene	23.277	252	1130446	19.086	ng/ul#	98
93) Benzo(a)pyrene	23.865	252	1200109	20.279	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.524	276	1480404	23.962	ng/ul	96
95) Dibenzo(a,h)anthracene	26.535	278	1267864	23.785	ng/ul	96
96) Benzo(g,h,i)perylene	27.306	276	1255144	24.311	ng/ul#	95

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

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