Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061722\
Data File : BM035502.D
Acq On : 17 Jun 2022 20:08
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020128

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/18/2022
Supervised By :Yogesh Patel 06/22/2022

Quant Time: Jun 18 00:16:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM061622.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 17 01:58:49 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	205514	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	855776	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.457	164	502393	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.204	188	999763	20.000	ng/ul	0.00
79) Chrysene-d12	21.386	240	1038802	20.000	ng/ul	0.00
88) Perylene-d12	23.727	264	1117393	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	37685	7.320	ng/uL	0.00
4) Pyridine-d5	3.687	84	217953	17.189	ng/ul	0.00
7) Phenol-d5	6.998	99	275698	17.504	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	174080	17.773	ng/ul	0.00
11) 2-Chlorophenol-d4	7.351	132	259306	19.007	ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113	235066	17.828	ng/ul	0.00
21) Nitrobenzene-d5	8.975	128	119503	18.760	ng/ul	0.00
24) 2-Nitrophenol-d4	9.698	143	128623	18.725	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	218985	18.777	ng/ul	0.00
31) 4-Chloroaniline-d4	10.757	131	332341	18.111	ng/ul	0.00
46) Dimethylphthalate-d6	13.874	166	650094	19.023	ng/ul	0.00
49) Acenaphthylene-d8	14.145	160	806433	19.043	ng/ul	0.00
54) 4-Nitrophenol-d4	14.704	143	80702	15.373	ng/ul	0.00
60) Fluorene-d10	15.451	176	562731	19.018	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	102018	17.116	ng/ul	0.00
73) Anthracene-d10	17.298	188	856693	19.064	ng/ul	0.00
81) Pyrene-d10	19.598	212	955793	18.715	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.580	264	1008402	18.711	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	40099	7.683	ng/uL	92
5) Pyridine	3.705	79	237829	17.783	ng/ul	96
6) Benzaldehyde	6.963	77	149574m	22.171	ng/ul	
8) Phenol	7.028	94	298334	17.751	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.240	93	239243	18.226	ng/ul	96
12) 2-Chlorophenol	7.381	128	266923	18.892	ng/ul	99
13) 2-Methylphenol	8.275	108	223200	17.929	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.345	45	349963	17.886	ng/ul	98
16) Acetophenone	8.645	105	363392	18.178	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.628	70	175314	18.586	ng/ul	96
18) 4-Methylphenol	8.604	108	245406	18.316	ng/ul	99
19) Hexachloroethane	8.887	117	106202	18.797	ng/ul	96
22) Nitrobenzene	9.016	77	251034	18.565	ng/ul	99
23) Isophorone	9.545	82	474274	18.544	ng/ul	99
25) 2-Nitrophenol	9.734	139	142951	19.120	ng/ul	98
26) 2,4-Dimethylphenol	9.798	107	266545	18.813	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.028	93	306700	18.492	ng/ul	100
29) 2,4-Dichlorophenol	10.281	162	227344	19.212	ng/ul	99
30) Naphthalene	10.657	128	824613	18.861	ng/ul	99
32) 4-Chloroaniline	10.786	127	328258	17.968	ng/ul	100
33) Hexachlorobutadiene	10.945	225	142200	19.098	ng/ul	98
34) Caprolactam	11.575	113	84604	21.233	ng/ul	89
35) 4-Chloro-3-methylphenol	11.928	107	229988	18.540	ng/ul	97
36) 2-Methylnaphthalene	12.275	142	529149	18.614	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.498	142	545968	19.012	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	12.651	216	266946	18.975	ng/ul	100
40)	Hexachlorocyclopentadiene	12.622	237	108485	20.971	ng/ul	95
41)	2,4,6-Trichlorophenol	12.904	196	163854	18.673	ng/ul	99
42)	2,4,5-Trichlorophenol	12.986	196	166213	18.257	ng/ul	100
43)	1,1'-Biphenyl	13.286	154	709336	18.881	ng/ul	100
44)	2-Chloronaphthalene	13.333	162	544250	18.955	ng/ul	99
45)	2-Nitroaniline	13.551	65	135253	18.272	ng/ul	100
47)	Dimethylphthalate	13.916	163	651032	18.890	ng/ul	99
48)	2,6-Dinitrotoluene	14.045	165	126326	18.540	ng/ul	96
50)	Acenaphthylene	14.174	152	891767	19.087	ng/ul	100
51)	3-Nitroaniline	14.380	138	123884	17.745	ng/ul	99
52)	Acenaphthene	14.516	153	581378	18.759	ng/ul	98
53)	2,4-Dinitrophenol	14.610	184	76421	20.352	ng/ul	96
55)	4-Nitrophenol	14.716	109	51537	15.106	ng/ul	98
56)	Dibenzofuran	14.857	168	810086	19.098	ng/ul	98
57)	2,4-Dinitrotoluene	14.839	165	190576	19.262	ng/ul	99
58)	2,3,4,6-Tetrachlorophenol	15.092	232	145196	19.309	ng/ul	97
59)	Diethylphthalate	15.280	149	652285	18.678	ng/ul	99
61)	Fluorene	15.504	166	655220	19.021	ng/ul	97
62)	4-Chlorophenyl-phenyle...	15.498	204	311713	19.280	ng/ul	98
63)	4-Nitroaniline	15.545	138	108731	17.435	ng/ul	100
66)	4,6-Dinitro-2-methylph...	15.604	198	103126	17.386	ng/ul	100
67)	N-Nitrosodiphenylamine	15.716	169	561156	19.177	ng/ul	99
68)	4-Bromophenyl-phenylether	16.392	248	181864	18.969	ng/ul	98
69)	Hexachlorobenzene	16.515	284	213084	19.211	ng/ul	98
70)	Atrazine	16.674	200	191442	18.528	ng/ul	99
71)	Pentachlorophenol	16.868	266	125953	21.539	ng/ul	99
72)	Phenanthrene	17.245	178	1021881	18.983	ng/ul	100
74)	Anthracene	17.333	178	1041959	18.917	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.257	216	277455	18.181	ng/uL	98
76)	Pentachlorobenzene	14.780	250	261261	19.255	ng/uL	98
77)	Carbazole	17.615	167	933001	18.770	ng/ul	98
78)	Di-n-butylphthalate	18.174	149	1097030	15.930	ng/ul	99
80)	Fluoranthene	19.262	202	1157946	18.639	ng/ul	99
82)	Pyrene	19.627	202	1220188	18.765	ng/ul	99
83)	Butylbenzylphthalate	20.527	149	499521	17.869	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.309	252	369630	19.509	ng/ul	99
85)	Benzo(a)anthracene	21.374	228	1173165	18.704	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.303	149	743763	17.929	ng/ul	99
87)	Chrysene	21.427	228	1178931	18.855	ng/ul	99
89)	Di-n-octyl phthalate	22.203	149	1309079	17.850	ng/ul	100
90)	Benzo(b)fluoranthene	23.015	252	1221387	18.403	ng/ul	100
91)	Benzo(k)fluoranthene	23.062	252	1231362	19.289	ng/ul	100
93)	Benzo(a)pyrene	23.627	252	1261158	18.954	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	26.150	276	1473333	18.913	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.156	278	1267904	19.023	ng/ul	99
96)	Benzo(g,h,i)perylene	26.891	276	1257573	18.837	ng/ul	99

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

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