Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041422\
Data File : BM034675.D
Acq On : 14 Apr 2022 19:11
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020112

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 04/15/2022
Supervised By :Yogesh Patel 04/23/2022

Quant Time: Apr 15 01:38:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 14 23:42:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.866	152	122741	20.000	ng/ul	0.00
20) Naphthalene-d8	10.678	136	500986	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.513	164	296010	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.254	188	580443	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.436	240	559186	20.000	ng/ul	# 0.00
88) Perylene-d12	23.806	264	584051	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.249	96	25836	7.506	ng/uL	0.00
4) Pyridine-d5	3.672	84	149825	18.036	ng/ul	0.00
7) Phenol-d5	7.031	99	185841	18.191	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.196	67	133837	19.660	ng/ul	0.00
11) 2-Chlorophenol-d4	7.396	132	155885	19.739	ng/ul	0.00
15) 4-Methylphenol-d8	8.578	113	148079	18.556	ng/ul	0.00
21) Nitrobenzene-d5	9.031	128	72094m	19.580	ng/ul	0.00
24) 2-Nitrophenol-d4	9.760	143	73758	19.241	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.296	165	140561	19.473	ng/ul	0.00
31) 4-Chloroaniline-d4	10.813	131	179891m	18.064	ng/ul	0.00
46) Dimethylphthalate-d6	13.925	166	412399	19.281	ng/ul	0.00
49) Acenaphthylene-d8	14.207	160	527097	19.173	ng/ul	0.00
54) 4-Nitrophenol-d4	14.713	143	52739m	16.171	ng/ul	0.00
60) Fluorene-d10	15.507	176	352316	19.061	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.625	200	60500	17.074	ng/ul	0.00
73) Anthracene-d10	17.354	188	520311	18.802	ng/ul	0.00
81) Pyrene-d10	19.648	212	582999	19.102	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.654	264	558663	19.016	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.284	88	26935	7.772	ng/uL#	79
5) Pyridine	3.690	79	167323	18.434	ng/ul#	71
6) Benzaldehyde	7.002	77	134272	21.439	ng/ul	89
8) Phenol	7.055	94	189759	18.387	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.290	93	161005	19.331	ng/ul#	86
12) 2-Chlorophenol	7.431	128	160575	19.947	ng/ul#	87
13) 2-Methylphenol	8.313	108	141490	18.545	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.402	45	253649	20.369	ng/ul#	85
16) Acetophenone	8.696	105	239320	19.213	ng/ul#	90
17) N-Nitroso-di-n-propyla...	8.678	70	131887	19.892	ng/ul#	84
18) 4-Methylphenol	8.643	108	153943	18.968	ng/ul	99
19) Hexachloroethane	8.954	117	71495	19.745	ng/ul	84
22) Nitrobenzene	9.072	77	189613	19.644	ng/ul	90
23) Isophorone	9.601	82	333762	19.472	ng/ul#	92
25) 2-Nitrophenol	9.790	139	80458	19.596	ng/ul#	89
26) 2,4-Dimethylphenol	9.849	107	175311	19.236	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.090	93	208788	20.245	ng/ul	99
29) 2,4-Dichlorophenol	10.325	162	135147	18.970	ng/ul#	94
30) Naphthalene	10.725	128	497679	19.082	ng/ul	99
32) 4-Chloroaniline	10.837	127	174662	17.507	ng/ul	98
33) Hexachlorobutadiene	11.019	225	96262	19.219	ng/ul	97
34) Caprolactam	11.613	113	43798m	18.924	ng/ul	
35) 4-Chloro-3-methylphenol	11.966	107	142411	19.256	ng/ul	89
36) 2-Methylnaphthalene	12.342	142	319017	19.085	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.560	142	329437	19.210	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.713	216	170239	19.214	ng/ul#	97
40) Hexachlorocyclopentadiene	12.695	237	110021	18.922	ng/ul	97
41) 2,4,6-Trichlorophenol	12.954	196	101514	18.861	ng/ul	98
42) 2,4,5-Trichlorophenol	13.025	196	106481	19.091	ng/ul	99
43) 1,1'-Biphenyl	13.348	154	427381	19.060	ng/ul#	97
44) 2-Chloronaphthalene	13.389	162	325931	18.933	ng/ul	96
45) 2-Nitroaniline	13.595	65	90450	19.269	ng/ul#	79
47) Dimethylphthalate	13.972	163	406513	19.313	ng/ul	99
48) 2,6-Dinitrotoluene	14.089	165	80306	19.859	ng/ul	89
50) Acenaphthylene	14.236	152	530505	19.008	ng/ul	99
51) 3-Nitroaniline	14.425	138	64342	18.200	ng/ul#	79
52) Acenaphthene	14.578	153	348172	18.738	ng/ul	99
53) 2,4-Dinitrophenol	14.631	184	41790	18.338	ng/ul#	81
55) 4-Nitrophenol	14.725	109	58253m	20.916	ng/ul	
56) Dibenzofuran	14.913	168	477758	18.918	ng/ul	95
57) 2,4-Dinitrotoluene	14.878	165	112150	19.927	ng/ul#	73
58) 2,3,4,6-Tetrachlorophenol	15.142	232	94772	19.353	ng/ul	90
59) Diethylphthalate	15.336	149	421440	19.712	ng/ul	97
61) Fluorene	15.560	166	401167	18.828	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.554	204	196738	19.129	ng/ul	91
63) 4-Nitroaniline	15.583	138	55083m	17.694	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.642	198	61390	17.375	ng/ul#	87
67) N-Nitrosodiphenylamine	15.766	169	337742	19.530	ng/ul	99
68) 4-Bromophenyl-phenylether	16.448	248	116236	19.372	ng/ul#	90
69) Hexachlorobenzene	16.566	284	139214	19.319	ng/ul#	93
70) Atrazine	16.719	200	121171	18.724	ng/ul	99
71) Pentachlorophenol	16.907	266	76834	17.413	ng/ul	98
72) Phenanthrene	17.301	178	611715	18.887	ng/ul	99
74) Anthracene	17.389	178	605582	18.869	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.319	216	174238	19.113	ng/uL	97
76) Pentachlorobenzene	14.836	250	166080	19.413	ng/uL	98
77) Carbazole	17.660	167	462829	17.432	ng/ul	99
78) Di-n-butylphthalate	18.230	149	681208	20.215	ng/ul	99
80) Fluoranthene	19.313	202	671953	19.894	ng/ul#	88
82) Pyrene	19.677	202	729783	19.879	ng/ul#	89
83) Butylbenzylphthalate	20.571	149	299659	20.850	ng/ul#	85
84) 3,3'-Dichlorobenzidine	21.354	252	176192	17.978	ng/ul#	99
85) Benzo(a)anthracene	21.418	228	640449	19.697	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.354	149	453120	21.066	ng/ul	97
87) Chrysene	21.471	228	659540	18.811	ng/ul	99
89) Di-n-octyl phthalate	22.265	149	777019	19.984	ng/ul	100
90) Benzo(b)fluoranthene	23.083	252	653093	18.819	ng/ul#	98
91) Benzo(k)fluoranthene	23.130	252	697925	19.150	ng/ul#	97
93) Benzo(a)pyrene	23.706	252	658498	19.198	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.277	276	713493	19.438	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.295	278	573390	19.054	ng/ul	97
96) Benzo(g,h,i)perylene	27.036	276	655728	18.611	ng/ul#	94

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

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