Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042022\
Data File : BM034728.D
Acq On : 20 Apr 2022 15:20
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SICV024

Quant Time: Apr 20 19:08:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM042022.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 20 14:02:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	278656	20.000	ng/ul	0.00
20) Naphthalene-d8	10.757	136	1146016	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.580	164	653510	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.321	188	1307501	20.000	ng/ul	0.00
79) Chrysene-d12	21.497	240	1231899	20.000	ng/ul	0.00
88) Perylene-d12	23.903	264	1238835	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	52673	8.132	ng/uL	0.00
4) Pyridine-d5	3.799	84	347846	22.886	ng/ul	0.00
7) Phenol-d5	7.104	99	465439	22.811	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	276899	24.132	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	398226	22.571	ng/ul	0.00
15) 4-Methylphenol-d8	8.657	113	381216	23.035	ng/ul	0.00
21) Nitrobenzene-d5	9.104	128	180854	23.202	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	192085	24.165	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	401279	21.216	ng/ul	0.00
31) 4-Chloroaniline-d4	10.881	131	534661	21.626	ng/ul	0.00
46) Dimethylphthalate-d6	13.992	166	1070568	21.858	ng/ul	0.00
49) Acenaphthylene-d8	14.274	160	1351498	21.621	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	160252	21.202	ng/ul	0.00
60) Fluorene-d10	15.574	176	912090	21.465	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.680	200	143529	21.435	ng/ul	0.00
73) Anthracene-d10	17.421	188	1394941	21.828	ng/ul	0.00
81) Pyrene-d10	19.709	212	1519633	23.099	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.744	264	1380115	21.684	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	53266	8.089	ng/uL	88
5) Pyridine	3.816	79	361116	22.930	ng/ul#	80
6) Benzaldehyde	7.081	77	251193	23.516	ng/ul	97
8) Phenol	7.134	94	462845	22.987	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.369	93	366009	23.120	ng/ul	94
12) 2-Chlorophenol	7.510	128	397917	22.300	ng/ul	94
13) 2-Methylphenol	8.387	108	356964	23.036	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.481	45	532414	25.674	ng/ul#	84
16) Acetophenone	8.769	105	589391	23.607	ng/ul#	95
17) N-Nitroso-di-n-propyla...	8.763	70	292195	24.745	ng/ul#	85
18) 4-Methylphenol	8.716	108	388759	23.481	ng/ul	99
19) Hexachloroethane	9.039	117	165110	22.306	ng/ul	93
22) Nitrobenzene	9.145	77	413457	23.436	ng/ul	98
23) Isophorone	9.681	82	783672	22.874	ng/ul	97
25) 2-Nitrophenol	9.863	139	214714	24.253	ng/ul	96
26) 2,4-Dimethylphenol	9.928	107	433517	21.858	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.163	93	492117	22.832	ng/ul	99
29) 2,4-Dichlorophenol	10.398	162	388491	21.443	ng/ul	98
30) Naphthalene	10.804	128	1267944	21.515	ng/ul	99
32) 4-Chloroaniline	10.904	127	533834	21.883	ng/ul	99
33) Hexachlorobutadiene	11.104	225	260305	19.115	ng/ul	98
34) Caprolactam	11.675	113	94812m	21.867	ng/ul	
35) 4-Chloro-3-methylphenol	12.028	107	378523	22.383	ng/ul	95
36) 2-Methylnaphthalene	12.416	142	895073	21.816	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.633	142	890298	21.504	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.780	216	471976	20.149	ng/ul	98
40) Hexachlorocyclopentadiene	12.769	237	309600	19.225	ng/ul	97
41) 2,4,6-Trichlorophenol	13.016	196	301247	21.845	ng/ul	95
42) 2,4,5-Trichlorophenol	13.086	196	319279	21.955	ng/ul	99
43) 1,1'-Biphenyl	13.422	154	1216093	22.358	ng/ul	98
44) 2-Chloronaphthalene	13.457	162	928190	21.940	ng/ul	99
45) 2-Nitroaniline	13.651	65	212186	26.873	ng/ul	94
47) Dimethylphthalate	14.039	163	1032373	21.903	ng/ul	98
48) 2,6-Dinitrotoluene	14.151	165	194281	24.906	ng/ul	90
50) Acenaphthylene	14.304	152	1335739	21.695	ng/ul	99
51) 3-Nitroaniline	14.474	138	123003	18.387	ng/ul	98
52) Acenaphthene	14.645	153	867399	21.516	ng/ul	100
53) 2,4-Dinitrophenol	14.680	184	85234	19.536	ng/ul	88
55) 4-Nitrophenol	14.774	109	115460	20.050	ng/ul#	79
56) Dibenzofuran	14.980	168	1269159	21.760	ng/ul	95
57) 2,4-Dinitrotoluene	14.933	165	272356	24.825	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.204	232	280298	23.937	ng/ul#	92
59) Diethylphthalate	15.404	149	978547	21.355	ng/ul	98
61) Fluorene	15.627	166	1024728	21.724	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.621	204	570704	22.580	ng/ul	98
63) 4-Nitroaniline	15.633	138	98566	16.097	ng/ul#	85
66) 4,6-Dinitro-2-methylph...	15.698	198	152079	22.285	ng/ul#	91
67) N-Nitrosodiphenylamine	15.833	169	860220	21.950	ng/ul	99
68) 4-Bromophenyl-phenylether	16.515	248	353119	23.016	ng/ul	97
69) Hexachlorobenzene	16.633	284	415847	23.021	ng/ul	95
70) Atrazine	16.786	200	327888	21.719	ng/ul	99
71) Pentachlorophenol	16.968	266	238380	21.618	ng/ul	99
72) Phenanthrene	17.362	178	1552076	21.635	ng/ul	99
74) Anthracene	17.457	178	1600236	21.987	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.386	216	487277	20.813	ng/uL	99
76) Pentachlorobenzene	14.904	250	504903	23.411	ng/uL	99
77) Carbazole	17.721	167	1313882	20.650	ng/ul	98
78) Di-n-butylphthalate	18.304	149	1467030	20.327	ng/ul	99
80) Fluoranthene	19.374	202	1743671	22.984	ng/ul	100
82) Pyrene	19.739	202	1777934	22.823	ng/ul	100
83) Butylbenzylphthalate	20.645	149	576146	22.603	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.415	252	481812	18.882	ng/ul	100
85) Benzo(a)anthracene	21.486	228	1669859	21.877	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.427	149	891619	21.884	ng/ul	99
87) Chrysene	21.539	228	1641290	22.114	ng/ul	100
89) Di-n-octyl phthalate	22.362	149	1407503	20.871	ng/ul	100
90) Benzo(b)fluoranthene	23.168	252	1716320	22.250	ng/ul	99
91) Benzo(k)fluoranthene	23.221	252	1556197	21.504	ng/ul	98
93) Benzo(a)pyrene	23.797	252	1632712	21.865	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.391	276	1943509	21.653	ng/ul	99
95) Dibenzo(a,h)anthracene	26.415	278	1685387	21.799	ng/ul	99
96) Benzo(g,h,i)perylene	27.156	276	1648319	21.478	ng/ul	99

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

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