Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM035013.D
Acq On : 12 May 2022 08:32
Operator : CG/JU
Sample : PB144679BS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS679

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

Quant Time: May 13 04:38:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 10 16:40:09 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	200170	20.000	ng/ul	0.00
20) Naphthalene-d8	10.722	136	915076	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.551	164	594620	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.292	188	1192706	20.000	ng/ul	0.00
79) Chrysene-d12	21.468	240	903563	20.000	ng/ul	0.00
88) Perylene-d12	23.850	264	852819	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	27401	5.727	ng/uL	0.00
4) Pyridine-d5	3.775	84	399761	30.312	ng/ul	0.00
7) Phenol-d5	7.081	99	550126	31.768	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.245	67	336321	30.943	ng/ul	0.00
11) 2-Chlorophenol-d4	7.451	132	462115	33.959	ng/ul	0.00
15) 4-Methylphenol-d8	8.628	113	480346	34.023	ng/ul	0.00
21) Nitrobenzene-d5	9.075	128	233774	33.332	ng/ul	0.00
24) 2-Nitrophenol-d4	9.798	143	263345	34.812	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.339	165	473793	33.467	ng/ul	0.00
31) 4-Chloroaniline-d4	10.857	131	628710	31.190	ng/ul	0.00
46) Dimethylphthalate-d6	13.963	166	1485056	33.116	ng/ul	0.00
49) Acenaphthylene-d8	14.245	160	1760884	30.946	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	279438m	36.469	ng/ul	0.00
60) Fluorene-d10	15.539	176	1244182	32.886	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.663	200	248407	33.051	ng/ul	0.00
73) Anthracene-d10	17.392	188	1861633	32.081	ng/ul	0.00
81) Pyrene-d10	19.680	212	1882705	33.369	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.703	264	1524471	34.203	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	58645	12.310	ng/uL	97
5) Pyridine	3.793	79	443954	31.896	ng/ul	99
6) Benzaldehyde	7.057	77	362161	37.474	ng/ul	99
8) Phenol	7.110	94	604121	35.047	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.340	93	459576	33.684	ng/ul	98
12) 2-Chlorophenol	7.481	128	495654	35.715	ng/ul	98
13) 2-Methylphenol	8.363	108	468415	35.852	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.451	45	697813	31.283	ng/ul	100
16) Acetophenone	8.740	105	760181	34.688	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.734	70	414164	35.433	ng/ul	96
18) 4-Methylphenol	8.692	108	509318	35.680	ng/ul	98
19) Hexachloroethane	9.004	117	201302	34.193	ng/ul	96
22) Nitrobenzene	9.122	77	589034	33.845	ng/ul	99
23) Isophorone	9.651	82	1126091	35.215	ng/ul	98
25) 2-Nitrophenol	9.834	139	299684	36.870	ng/ul	93
26) 2,4-Dimethylphenol	9.898	107	573953	33.764	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.134	93	643502	32.464	ng/ul	99
29) 2,4-Dichlorophenol	10.369	162	494399	35.896	ng/ul	98
30) Naphthalene	10.775	128	1593538	33.147	ng/ul	100
32) 4-Chloroaniline	10.881	127	661610	32.797	ng/ul	99
33) Hexachlorobutadiene	11.069	225	299887	33.221	ng/ul	98
34) Caprolactam	11.651	113	183214m	44.487	ng/ul	
35) 4-Chloro-3-methylphenol	12.004	107	555653	37.530	ng/ul	98
36) 2-Methylnaphthalene	12.380	142	1136035	34.177	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.598	142	1167863	34.746	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.751	216	576906	32.988	ng/ul	99
40) Hexachlorocyclopentadiene	12.733	237	324962	26.792	ng/ul	97
41) 2,4,6-Trichlorophenol	12.986	196	409973	36.823	ng/ul	97
42) 2,4,5-Trichlorophenol	13.057	196	440588	36.939	ng/ul	99
43) 1,1'-Biphenyl	13.392	154	1549765	32.806	ng/ul	99
44) 2-Chloronaphthalene	13.427	162	1183571	32.899	ng/ul	98
45) 2-Nitroaniline	13.627	65	396470	38.819	ng/ul	93
47) Dimethylphthalate	14.010	163	1558492	35.175	ng/ul	99
48) 2,6-Dinitrotoluene	14.127	165	334134	39.706	ng/ul	94
50) Acenaphthylene	14.274	152	1960184	34.289	ng/ul	98
51) 3-Nitroaniline	14.451	138	326597	42.384	ng/ul#	92
52) Acenaphthene	14.616	153	1291111	33.791	ng/ul	99
53) 2,4-Dinitrophenol	14.657	184	190643	38.835	ng/ul	93
55) 4-Nitrophenol	14.757	109	265690	39.432	ng/ul	94
56) Dibenzofuran	14.951	168	1784513	33.911	ng/ul	95
57) 2,4-Dinitrotoluene	14.910	165	476647	40.155	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.174	232	362500	38.762	ng/ul	97
59) Diethylphthalate	15.374	149	1616768	35.626	ng/ul	99
61) Fluorene	15.598	166	1501876	34.888	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.592	204	726369	34.738	ng/ul	99
63) 4-Nitroaniline	15.610	138	344055	50.165	ng/ul#	84
66) 4,6-Dinitro-2-methylph...	15.674	198	260710	35.034	ng/ul#	96
67) N-Nitrosodiphenylamine	15.804	169	1285935	33.489	ng/ul	99
68) 4-Bromophenyl-phenylether	16.486	248	424506	34.227	ng/ul	99
69) Hexachlorobenzene	16.604	284	479476	34.166	ng/ul	97
70) Atrazine	16.757	200	480041	35.170	ng/ul	98
71) Pentachlorophenol	16.945	266	303638	34.856	ng/ul	97
72) Phenanthrene	17.333	178	2271450	33.858	ng/ul	99
74) Anthracene	17.427	178	2322866	34.234	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.357	216	587786	30.797	ng/uL	98
76) Pentachlorobenzene	14.874	250	557897	31.911	ng/uL	100
77) Carbazole	17.692	167	2080151	34.871	ng/ul	99
78) Di-n-butylphthalate	18.262	149	2591022	35.026	ng/ul	99
80) Fluoranthene	19.345	202	2446352	36.068	ng/ul	97
82) Pyrene	19.709	202	2442219	35.260	ng/ul	100
83) Butylbenzylphthalate	20.609	149	1040084	37.537	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.386	252	652006	38.240	ng/ul	99
85) Benzo(a)anthracene	21.456	228	2087526	35.559	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	1417100	34.515	ng/ul	100
87) Chrysene	21.503	228	1997681	34.944	ng/ul	98
89) Di-n-octyl phthalate	22.309	149	2174828	30.633	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	2002357	34.954	ng/ul	99
91) Benzo(k)fluoranthene	23.180	252	1930339	35.388	ng/ul	100
93) Benzo(a)pyrene	23.750	252	1971577	36.102	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.327	276	2283878	36.558	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.338	278	1942522	36.269	ng/ul#	96
96) Benzo(g,h,i)perylene	27.085	276	1909207	36.792	ng/ul#	94

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

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