Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090821\
Data File : BN016249.D
Acq On : 08 Sep 2021 19:09
Operator : CG/JU
Sample : SSTD16013
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD160213

Quant Time: Sep 08 19:37:36 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN090821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 08 17:50:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	181100	20.000	ng/ul	0.00
20) Naphthalene-d8	10.657	136	761212	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	504672	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.245	188	1058981	20.000	ng/ul	0.00
79) Chrysene-d12	21.445	240	1003133	20.000	ng/ul	0.01
88) Perylene-d12	23.833	264	1113522	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	231147	49.718	ng/uL	0.00
4) Pyridine-d5	3.705	84	1697089	130.610	ng/ul	0.00
7) Phenol-d5	7.034	99	2237886	136.610	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.187	67	1169764	115.977	ng/ul	0.00
11) 2-Chlorophenol-d4	7.393	132	1899625	162.966	ng/ul	0.01
15) 4-Methylphenol-d8	8.581	113	1802882	141.500	ng/ul	0.02
21) Nitrobenzene-d5	9.022	128	913585	163.064	ng/ul	0.01
24) 2-Nitrophenol-d4	9.746	143	1085817	207.078	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.287	165	1861248	164.034	ng/ul	0.01
31) 4-Chloroaniline-d4	10.805	131	2517031	145.731	ng/ul	0.01
46) Dimethylphthalate-d6	13.916	166	5053548	136.634	ng/ul	0.02
49) Acenaphthylene-d8	14.193	160	6480789	139.916	ng/ul	0.00
54) 4-Nitrophenol-d4	14.734	143	1044868	159.725	ng/ul	0.04
60) Fluorene-d10	15.493	176	4276086	132.541	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	1018834	180.149	ng/ul	0.02
73) Anthracene-d10	17.351	188	6663494	134.249	ng/ul	0.01
81) Pyrene-d10	19.645	212	7343588	135.913	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.692	264	8356541	138.797	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	246755	51.630	ng/uL	92
5) Pyridine	3.723	79	1665519	124.326	ng/ul	97
6) Benzaldehyde	6.993	77	1194805	141.754	ng/ul	99
8) Phenol	7.064	94	2255255	135.048	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.281	93	1681836	128.550	ng/ul	100
12) 2-Chlorophenol	7.422	128	1908843	159.317	ng/ul	98
13) 2-Methylphenol	8.305	108	1722455	140.807	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.387	45	2201951	131.790	ng/ul	99
16) Acetophenone	8.687	105	2599546	126.430	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.699	70	1224136	121.920	ng/ul	98
18) 4-Methylphenol	8.652	108	1864334	142.399	ng/ul	99
19) Hexachloroethane	8.928	117	734088	134.920	ng/ul	96
22) Nitrobenzene	9.063	77	1827905	115.381	ng/ul	100
23) Isophorone	9.605	82	3651723	132.494	ng/ul	99
25) 2-Nitrophenol	9.775	139	1120691	195.989	ng/ul	99
26) 2,4-Dimethylphenol	9.840	107	1995333	130.642	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.075	93	2221258	131.212	ng/ul	96
29) 2,4-Dichlorophenol	10.316	162	1767373	157.980	ng/ul	98
30) Naphthalene	10.710	128	5684920	139.441	ng/ul	99
32) 4-Chloroaniline	10.828	127	2504147	146.853	ng/ul	98
33) Hexachlorobutadiene	10.993	225	1143636	133.044	ng/ul	96
34) Caprolactam	11.646	113	377652	107.742	ng/ul	94
35) 4-Chloro-3-methylphenol	11.969	107	1918520	144.778	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.322	142	3905336	137.750	ng/ul	99
37) 1-Methylnaphthalene	12.540	142	3975411	140.875	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.693	216	2101374	128.709	ng/ul	96
40) Hexachlorocyclopentadiene	12.669	237	1380947	130.464	ng/ul	98
41) 2,4,6-Trichlorophenol	12.940	196	1474776	165.199	ng/ul	99
42) 2,4,5-Trichlorophenol	13.016	196	1606153	164.791	ng/ul	92
43) 1,1'-Biphenyl	13.334	154	5025046	128.767	ng/ul	98
44) 2-Chloronaphthalene	13.381	162	4027276	133.650	ng/ul	99
45) 2-Nitroaniline	13.587	65	1182273	138.466	ng/ul	98
47) Dimethylphthalate	13.963	163	4991767	136.147	ng/ul	100
48) 2,6-Dinitrotoluene	14.087	165	1175415	177.026	ng/ul	98
50) Acenaphthylene	14.222	152	6483427	147.245	ng/ul	97
51) 3-Nitroaniline	14.422	138	1250815	175.206	ng/ul	98
52) Acenaphthene	14.563	153	4189315	131.540	ng/ul	100
53) 2,4-Dinitrophenol	14.622	184	774767	210.002	ng/ul	94
55) 4-Nitrophenol	14.751	109	700643	109.459	ng/ul	95
56) Dibenzofuran	14.898	168	5844909	132.744	ng/ul	95
57) 2,4-Dinitrotoluene	14.875	165	1616932	169.072	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.134	232	1332828	165.263	ng/ul	94
59) Diethylphthalate	15.328	149	4997012	136.299	ng/ul	98
61) Fluorene	15.551	166	4615211	128.448	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.540	204	2333785	124.558	ng/ul	97
63) 4-Nitroaniline	15.598	138	1274088	186.259	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.645	198	989094	175.839	ng/ul#	96
67) N-Nitrosodiphenylamine	15.763	169	4256486	137.708	ng/ul	99
68) 4-Bromophenyl-phenylether	16.434	248	1609467	141.629	ng/ul	98
69) Hexachlorobenzene	16.557	284	1838300	138.429	ng/ul	98
70) Atrazine	16.722	200	1689425	150.689	ng/ul	95
71) Pentachlorophenol	16.904	266	1127869	151.392	ng/ul	97
72) Phenanthrene	17.292	178	7670522	133.240	ng/ul	98
74) Anthracene	17.387	178	7643153	130.041	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.299	216	2271982	136.206	ng/uL	97
76) Pentachlorobenzene	14.822	250	2198594	135.410	ng/uL	99
77) Carbazole	17.657	167	7061592	136.651	ng/ul	97
78) Di-n-butylphthalate	18.216	149	8680664	147.741	ng/ul	99
80) Fluoranthene	19.310	202	9032850	138.173	ng/ul	100
82) Pyrene	19.681	202	8938848	131.378	ng/ul	99
83) Butylbenzylphthalate	20.569	149	4003798	174.989	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.363	252	2836106	138.067	ng/ul	100
85) Benzo(a)anthracene	21.428	228	8900719	137.904	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.345	149	5510109	151.848	ng/ul	97
87) Chrysene	21.480	228	8355366	133.708	ng/ul	98
89) Di-n-octyl phthalate	22.275	149	10137603	143.844	ng/ul	100
90) Benzo(b)fluoranthene	23.116	252	10051880	137.305	ng/ul	99
91) Benzo(k)fluoranthene	23.163	252	8458343	116.043	ng/ul	97
93) Benzo(a)pyrene	23.751	252	9174474	138.442	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.357	276	10946417	133.217	ng/ul	95
95) Dibenzo(a,h)anthracene	26.368	278	9226755	136.016	ng/ul	96
96) Benzo(g,h,i)perylene	27.121	276	9531049	140.288	ng/ul	99

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

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