Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081621\
Data File : BN015880.D
Acq On : 16 Aug 2021 15:30
Operator : CG/JU
Sample : SSTD16006
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 16 15:59:38 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 16 14:15:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	286383	20.000	ng/ul	0.00
20) Naphthalene-d8	10.716	136	1184335	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.557	164	729832	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.304	188	1556808	20.000	ng/ul	0.00
79) Chrysene-d12	21.498	240	1419409	20.000	ng/ul	0.01
88) Perylene-d12	23.922	264	1433928	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	459914	62.487	ng/uL	0.00
4) Pyridine-d5	3.740	84	3453840	174.064	ng/ul	0.00
7) Phenol-d5	7.069	99	4359605	175.393	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.240	67	2505235	171.621	ng/ul	0.00
11) 2-Chlorophenol-d4	7.440	132	3274270	173.725	ng/ul	0.01
15) 4-Methylphenol-d8	8.628	113	3352286	174.746	ng/ul	0.02
21) Nitrobenzene-d5	9.075	128	1569810	193.768	ng/ul	0.01
24) 2-Nitrophenol-d4	9.799	143	1666448	230.920	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.340	165	3176206	186.471	ng/ul	0.01
31) 4-Chloroaniline-d4	10.857	131	4251695	161.065	ng/ul	0.01
46) Dimethylphthalate-d6	13.975	166	8902038	177.629	ng/ul	0.02
49) Acenaphthylene-d8	14.251	160	11004250	169.146	ng/ul	0.00
54) 4-Nitrophenol-d4	14.769	143	1666504	190.645	ng/ul	0.04
60) Fluorene-d10	15.551	176	7704777	176.717	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	1563189	243.120	ng/ul	0.02
73) Anthracene-d10	17.410	188	11397755	159.956	ng/ul	0.01
81) Pyrene-d10	19.704	212	12502078	168.043	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.774	264	12964934	183.150	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	484336	63.854	ng/uL	93
5) Pyridine	3.758	79	3480073	168.575	ng/ul	96
6) Benzaldehyde	7.040	77	1714999	148.356	ng/ul	98
8) Phenol	7.099	94	4339702	172.218	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.334	93	3284504	164.998	ng/ul	97
12) 2-Chlorophenol	7.469	128	3215158	168.590	ng/ul	97
13) 2-Methylphenol	8.352	108	3231841	171.769	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.440	45	3978608	153.435	ng/ul	97
16) Acetophenone	8.740	105	5071216	174.513	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.752	70	2675687	187.976	ng/ul	98
18) 4-Methylphenol	8.699	108	3340665	165.555	ng/ul	96
19) Hexachloroethane	8.993	117	1416993	181.782	ng/ul	91
22) Nitrobenzene	9.122	77	4092792	206.922	ng/ul	99
23) Isophorone	9.663	82	7352187	189.014	ng/ul	98
25) 2-Nitrophenol	9.834	139	1732453	216.566	ng/ul	99
26) 2,4-Dimethylphenol	9.893	107	3920723	189.045	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.134	93	4325114	174.275	ng/ul	96
29) 2,4-Dichlorophenol	10.369	162	2983917	179.854	ng/ul	99
30) Naphthalene	10.775	128	9946919	164.591	ng/ul	100
32) 4-Chloroaniline	10.881	127	4183408	161.242	ng/ul	99
33) Hexachlorobutadiene	11.057	225	2164847	210.209	ng/ul	96
34) Caprolactam	11.693	113	541677	95.601	ng/ul	92
35) 4-Chloro-3-methylphenol	12.010	107	3640106	200.514	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.381	142	7106461	169.856	ng/ul	98
37) 1-Methylnaphthalene	12.604	142	6989184	166.718	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.752	216	3841067	188.544	ng/ul	98
40) Hexachlorocyclopentadiene	12.734	237	2618486	235.519	ng/ul	99
41) 2,4,6-Trichlorophenol	12.987	196	2438284	204.698	ng/ul	93
42) 2,4,5-Trichlorophenol	13.063	196	2644473	199.821	ng/ul	96
43) 1,1'-Biphenyl	13.393	154	8821371	167.495	ng/ul	98
44) 2-Chloronaphthalene	13.440	162	6840168	166.739	ng/ul	97
45) 2-Nitroaniline	13.640	65	2471506	258.954	ng/ul	97
47) Dimethylphthalate	14.022	163	8653793	178.407	ng/ul	99
48) 2,6-Dinitrotoluene	14.140	165	1878241	230.147	ng/ul	92
50) Acenaphthylene	14.281	152	10195822	166.086	ng/ul	100
51) 3-Nitroaniline	14.469	138	1807066	195.836	ng/ul	98
52) Acenaphthene	14.622	153	7394821	171.225	ng/ul	98
53) 2,4-Dinitrophenol	14.669	184	1100841	293.751	ng/ul	95
55) 4-Nitrophenol	14.787	109	1569989	246.290	ng/ul	95
56) Dibenzofuran	14.957	168	10202932	168.198	ng/ul	97
57) 2,4-Dinitrotoluene	14.928	165	2669301	234.552	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.187	232	2254710	232.426	ng/ul	97
59) Diethylphthalate	15.387	149	8937679	184.581	ng/ul	99
61) Fluorene	15.610	166	8352875	173.948	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.604	204	4292886	188.147	ng/ul	94
63) 4-Nitroaniline	15.640	138	1588879	185.045	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.693	198	1499210	230.716	ng/ul	100
67) N-Nitrosodiphenylamine	15.816	169	7210669	159.682	ng/ul	99
68) 4-Bromophenyl-phenylether	16.498	248	2748944	183.432	ng/ul	93
69) Hexachlorobenzene	16.616	284	3134016	186.612	ng/ul	94
70) Atrazine	16.775	200	2425370	154.361	ng/ul	98
71) Pentachlorophenol	16.951	266	1949415	221.875	ng/ul	96
72) Phenanthrene	17.351	178	12971194	157.861	ng/ul	97
74) Anthracene	17.351	178	12971194	153.772	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.357	216	3806868	172.673	ng/uL	97
76) Pentachlorobenzene	14.881	250	3724997	176.457	ng/uL	97
77) Carbazole	17.710	167	11424007	150.257	ng/ul	98
78) Di-n-butylphthalate	18.275	149	13200739	152.527	ng/ul#	95
80) Fluoranthene	19.363	202	14221495	158.355	ng/ul#	94
82) Pyrene	19.728	202	13524117	144.480	ng/ul	96
83) Butylbenzylphthalate	20.628	149	6706678	201.010	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.410	252	4550053	155.664	ng/ul	96
85) Benzo(a)anthracene	21.475	228	13970530	159.130	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.404	149	9748356	182.440	ng/ul	95
87) Chrysene	21.475	228	13970530	161.597	ng/ul	97
89) Di-n-octyl phthalate	22.339	149	14406755	160.655	ng/ul	100
90) Benzo(b)fluoranthene	23.192	252	16335484	189.180	ng/ul	99
91) Benzo(k)fluoranthene	23.239	252	14160703	162.035	ng/ul	100
93) Benzo(a)pyrene	23.833	252	13737734	175.038	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.457	276	10361005	108.812	ng/ul	97
95) Dibenzo(a,h)anthracene	26.492	278	14791532	187.420	ng/ul	98
96) Benzo(g,h,i)perylene	27.251	276	14371876	174.607	ng/ul	98

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

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