Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101521\
Data File : BN016977.D
Acq On : 15 Oct 2021 16:28
Operator : CG/JU
Sample : SSTD08026
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD080226

Quant Time: Oct 15 16:57:03 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101521MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 15 15:46:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.546	152	130093	20.000	ng/ul	0.00
20) Naphthalene-d8	10.322	136	611675	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.204	164	377562	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.957	188	805023	20.000	ng/ul	0.00
79) Chrysene-d12	21.175	240	836677	20.000	ng/ul	0.00
88) Perylene-d12	23.386	264	1028532	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.070	96	90507	29.443	ng/uL	0.00
4) Pyridine-d5	3.464	84	731030	86.355	ng/ul	0.00
7) Phenol-d5	6.740	99	948933	92.088	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.899	67	520706	86.177	ng/ul	0.00
11) 2-Chlorophenol-d4	7.087	132	746505	91.400	ng/ul	0.00
15) 4-Methylphenol-d8	8.275	113	743275	92.233	ng/ul	0.01
21) Nitrobenzene-d5	8.705	128	378461	96.619	ng/ul	0.00
24) 2-Nitrophenol-d4	9.422	143	427698	108.955	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.958	165	724336	89.227	ng/ul	0.00
31) 4-Chloroaniline-d4	10.475	131	1030794	83.442	ng/ul	0.00
46) Dimethylphthalate-d6	13.634	166	2010107	83.178	ng/ul	0.01
49) Acenaphthylene-d8	13.893	160	2570102	82.437	ng/ul	0.00
54) 4-Nitrophenol-d4	14.446	143	450918	97.674	ng/ul	0.02
60) Fluorene-d10	15.204	176	1653272	78.197	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.345	200	411786	108.675	ng/ul	0.02
73) Anthracene-d10	17.063	188	2632240	77.871	ng/ul	0.01
81) Pyrene-d10	19.369	212	3013133	76.330	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.251	264	4055618	82.382	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.105	88	99285	30.242	ng/uL	98
5) Pyridine	3.481	79	723846	84.938	ng/ul	98
6) Benzaldehyde	6.699	77	412721	75.059	ng/ul	99
8) Phenol	6.769	94	965276	90.277	ng/ul	100
10) Bis(2-Chloroethyl)ether	6.993	93	730611	87.549	ng/ul	99
12) 2-Chlorophenol	7.117	128	760536	90.687	ng/ul	100
13) 2-Methylphenol	8.005	108	729485	92.099	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.087	45	914562	80.466	ng/ul	99
16) Acetophenone	8.375	105	1091281	87.321	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.381	70	536208	89.537	ng/ul	99
18) 4-Methylphenol	8.346	108	775906	90.518	ng/ul	98
19) Hexachloroethane	8.611	117	284206	86.595	ng/ul	94
22) Nitrobenzene	8.752	77	839630	89.785	ng/ul	98
23) Isophorone	9.281	82	1574836	89.119	ng/ul	99
25) 2-Nitrophenol	9.452	139	457183	101.739	ng/ul	99
26) 2,4-Dimethylphenol	9.528	107	828852	84.755	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.763	93	956189	80.851	ng/ul	99
29) 2,4-Dichlorophenol	9.987	162	711836	87.619	ng/ul	96
30) Naphthalene	10.375	128	2392552	80.300	ng/ul	99
32) 4-Chloroaniline	10.499	127	1030854	81.118	ng/ul	99
33) Hexachlorobutadiene	10.663	225	426358	83.269	ng/ul	96
34) Caprolactam	11.293	113	143631	53.801	ng/ul	98
35) 4-Chloro-3-methylphenol	11.646	107	783651	90.668	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.999	142	1572573	79.092	ng/ul	99
37) 1-Methylnaphthalene	12.222	142	1595689	78.952	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.375	216	819210	80.665	ng/ul	100
40) Hexachlorocyclopentadiene	12.357	237	547430	87.332	ng/ul	99
41) 2,4,6-Trichlorophenol	12.628	196	565348	91.983	ng/ul	99
42) 2,4,5-Trichlorophenol	12.699	196	615449	90.801	ng/ul	98
43) 1,1'-Biphenyl	13.034	154	2043458	76.842	ng/ul	99
44) 2-Chloronaphthalene	13.069	162	1587934	78.143	ng/ul	97
45) 2-Nitroaniline	13.293	65	504527	105.130	ng/ul	96
47) Dimethylphthalate	13.681	163	2000778	81.463	ng/ul	100
48) 2,6-Dinitrotoluene	13.804	165	452274	103.602	ng/ul	96
50) Acenaphthylene	13.928	152	2591646	78.873	ng/ul	99
51) 3-Nitroaniline	14.128	138	478349	94.799	ng/ul	96
52) Acenaphthene	14.269	153	1663584	77.323	ng/ul	98
53) 2,4-Dinitrophenol	14.340	184	316455	127.372	ng/ul	97
55) 4-Nitrophenol	14.463	109	316693	95.438	ng/ul	98
56) Dibenzofuran	14.610	168	2326852	76.111	ng/ul	99
57) 2,4-Dinitrotoluene	14.593	165	636716	101.462	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.840	232	520407	98.581	ng/ul	98
59) Diethylphthalate	15.057	149	2030213	81.706	ng/ul	99
61) Fluorene	15.263	166	1761196	72.224	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.263	204	858112	71.681	ng/ul	97
63) 4-Nitroaniline	15.310	138	446505	91.805	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.363	198	407718	105.749	ng/ul	99
67) N-Nitrosodiphenylamine	15.487	169	1675230	76.430	ng/ul	98
68) 4-Bromophenyl-phenylether	16.157	248	614792	82.583	ng/ul	96
69) Hexachlorobenzene	16.263	284	767236	89.587	ng/ul	100
70) Atrazine	16.457	200	666035	85.383	ng/ul	98
71) Pentachlorophenol	16.616	266	502686	102.167	ng/ul	98
72) Phenanthrene	17.004	178	3069940	75.588	ng/ul	98
74) Anthracene	17.098	178	3099832	75.705	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.993	216	859926	77.790	ng/uL	97
76) Pentachlorobenzene	14.528	250	860701	80.538	ng/uL	95
77) Carbazole	17.375	167	2940079	80.649	ng/ul	99
78) Di-n-butylphthalate	17.951	149	3490419	84.933	ng/ul	99
80) Fluoranthene	19.028	202	3677587	74.558	ng/ul	99
82) Pyrene	19.398	202	3637013	70.759	ng/ul	100
83) Butylbenzylphthalate	20.322	149	1714225	97.515	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.098	252	1357482	81.961	ng/ul	96
85) Benzo(a)anthracene	21.157	228	3833675	77.984	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.110	149	2260971	80.739	ng/ul	98
87) Chrysene	21.210	228	3599117	74.843	ng/ul	99
89) Di-n-octyl phthalate	21.986	149	4311798	74.417	ng/ul	100
90) Benzo(b)fluoranthene	22.727	252	4675847	77.957	ng/ul	98
91) Benzo(k)fluoranthene	22.775	252	4043507	70.382	ng/ul	99
93) Benzo(a)pyrene	23.304	252	4409530	75.738	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.639	276	5627055	101.444	ng/ul	98
95) Dibenzo(a,h)anthracene	25.668	278	4625162	80.988	ng/ul	98
96) Benzo(g,h,i)perylene	26.333	276	4875724	87.899	ng/ul	97

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

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