Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031522\
Data File : BN018943.D
Acq On : 15 Mar 2022 11:40
Operator : CG/JU
Sample : SSTD01004
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD010204

Quant Time: Mar 15 13:12:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN031522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 15 13:09:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	236310	20.000	ng/ul	0.00
20) Naphthalene-d8	10.699	136	1009648	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.528	164	653890	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.269	188	1294172	20.000	ng/ul	0.00
79) Chrysene-d12	21.445	240	1078501	20.000	ng/ul	0.00
88) Perylene-d12	23.833	264	877481	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	23527	3.982	ng/uL	0.00
4) Pyridine-d5	3.687	84	145998	8.076	ng/ul	0.00
7) Phenol-d5	7.046	99	196058	8.498	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	130276	9.375	ng/ul	0.00
11) 2-Chlorophenol-d4	7.422	132	155308	9.393	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	161527	8.610	ng/ul	0.00
21) Nitrobenzene-d5	9.052	128	76488	9.863	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143	82783	9.715	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	157625	9.671	ng/ul	0.00
31) 4-Chloroaniline-d4	10.828	131	217689	8.870	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	488256	9.862	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	613979	9.963	ng/ul	0.00
54) 4-Nitrophenol-d4	14.710	143	81142	8.093	ng/ul	0.00
60) Fluorene-d10	15.516	176	414596	9.634	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	71194	8.877	ng/ul	0.00
73) Anthracene-d10	17.363	188	639829	10.336	ng/ul	0.00
81) Pyrene-d10	19.657	212	698941	11.975	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.680	264	440295	9.628	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	23227	3.622	ng/uL	99
5) Pyridine	3.705	79	157587	8.452	ng/ul	98
6) Benzaldehyde	7.022	77	135137	11.502	ng/ul	95
8) Phenol	7.075	94	204831	8.486	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.305	93	169721	9.115	ng/ul	98
12) 2-Chlorophenol	7.452	128	162490	9.268	ng/ul	97
13) 2-Methylphenol	8.328	108	149828	8.314	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.422	45	254468	9.573	ng/ul	98
16) Acetophenone	8.710	105	255911	8.803	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.699	70	132187	8.922	ng/ul	98
18) 4-Methylphenol	8.657	108	166738	8.273	ng/ul	96
19) Hexachloroethane	8.981	117	66871	9.775	ng/ul	93
22) Nitrobenzene	9.093	77	191945	9.537	ng/ul	99
23) Isophorone	9.616	82	360656	9.376	ng/ul	99
25) 2-Nitrophenol	9.804	139	87393	9.229	ng/ul	95
26) 2,4-Dimethylphenol	9.869	107	191250	9.298	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.104	93	230841	9.507	ng/ul	99
29) 2,4-Dichlorophenol	10.340	162	157153	9.476	ng/ul	99
30) Naphthalene	10.746	128	533872	9.595	ng/ul	99
32) 4-Chloroaniline	10.851	127	223880	8.791	ng/ul	98
33) Hexachlorobutadiene	11.046	225	105891	10.164	ng/ul	98
34) Caprolactam	11.593	113	45355	7.521	ng/ul	99
35) 4-Chloro-3-methylphenol	11.975	107	172844	8.900	ng/ul	97
36) 2-Methylnaphthalene	12.357	142	365125	9.334	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.581	142	374989	9.283	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.728	216	197748	9.891	ng/ul	99
40) Hexachlorocyclopentadiene	12.716	237	99104	8.437	ng/ul	96
41) 2,4,6-Trichlorophenol	12.963	196	119913	9.279	ng/ul	98
42) 2,4,5-Trichlorophenol	13.034	196	133714	9.367	ng/ul	99
43) 1,1'-Biphenyl	13.363	154	507711	9.879	ng/ul	98
44) 2-Chloronaphthalene	13.404	162	391569	9.893	ng/ul	99
45) 2-Nitroaniline	13.598	65	107052	9.075	ng/ul	100
47) Dimethylphthalate	13.981	163	490291	9.659	ng/ul	100
48) 2,6-Dinitrotoluene	14.098	165	89895	9.242	ng/ul	98
50) Acenaphthylene	14.251	152	619883	9.618	ng/ul	99
51) 3-Nitroaniline	14.422	138	97055	10.301	ng/ul	99
52) Acenaphthene	14.592	153	400622	9.496	ng/ul	98
53) 2,4-Dinitrophenol	14.628	184	38611	6.209	ng/ul	97
55) 4-Nitrophenol	14.722	109	68793	7.969	ng/ul	97
56) Dibenzofuran	14.928	168	573964	9.418	ng/ul	100
57) 2,4-Dinitrotoluene	14.881	165	131385	8.974	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.151	232	105487	8.984	ng/ul	99
59) Diethylphthalate	15.339	149	476819	9.438	ng/ul	98
61) Fluorene	15.575	166	460142	9.590	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.563	204	232431	9.834	ng/ul	98
63) 4-Nitroaniline	15.581	138	97944	11.164	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.645	198	73655	9.013	ng/ul#	98
67) N-Nitrosodiphenylamine	15.775	169	399682	10.357	ng/ul	98
68) 4-Bromophenyl-phenylether	16.457	248	133328	9.994	ng/ul	98
69) Hexachlorobenzene	16.581	284	154925	10.128	ng/ul	92
70) Atrazine	16.722	200	139008	9.614	ng/ul	98
71) Pentachlorophenol	16.922	266	76743	8.052	ng/ul	98
72) Phenanthrene	17.310	178	729430	9.893	ng/ul	99
74) Anthracene	17.398	178	723756	9.844	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.334	216	206207	10.304	ng/uL	98
76) Pentachlorobenzene	14.851	250	188536	10.412	ng/uL	96
77) Carbazole	17.669	167	642016	9.671	ng/ul	98
78) Di-n-butylphthalate	18.233	149	753485	10.099	ng/ul	99
80) Fluoranthene	19.322	202	819061	11.855	ng/ul	99
82) Pyrene	19.686	202	844857	11.970	ng/ul	98
83) Butylbenzylphthalate	20.580	149	293030	10.906	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.363	252	213421	9.132	ng/ul	95
85) Benzo(a)anthracene	21.433	228	688459	9.448	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.363	149	444638	10.997	ng/ul	99
87) Chrysene	21.486	228	678795	9.619	ng/ul	98
89) Di-n-octyl phthalate	22.280	149	661190	12.024	ng/ul	100
90) Benzo(b)fluoranthene	23.104	252	603588	10.168	ng/ul	97
91) Benzo(k)fluoranthene	23.157	252	539491	9.794	ng/ul	99
93) Benzo(a)pyrene	23.727	252	552555	9.616	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.309	276	575552	9.043	ng/ul	96
95) Dibenzo(a,h)anthracene	26.327	278	494060	8.755	ng/ul	99
96) Benzo(g,h,i)perylene	27.068	276	484061	8.548	ng/ul	98

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

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