Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062621\
Data File : BN015072.D
Acq On : 25 Jun 2021 11:44
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD020405

Quant Time: Jun 25 12:20:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 24 14:43:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	171786	20.000	ng/ul	0.00
20) Naphthalene-d8	10.499	136	698783	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.351	164	418891	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	822730	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	793663	20.000	ng/ul	0.00
88) Perylene-d12	23.545	264	777515	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	35725	8.092	ng/uL	0.00
4) Pyridine-d5	3.676	84	231944	19.487	ng/ul	0.00
7) Phenol-d5	6.893	99	291079	19.522	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.064	67	172703	19.723	ng/ul	0.00
11) 2-Chlorophenol-d4	7.258	132	231797	20.503	ng/ul	0.00
15) 4-Methylphenol-d8	8.422	113	222049	19.296	ng/ul	0.00
21) Nitrobenzene-d5	8.869	128	106129	22.202	ng/ul	0.00
24) 2-Nitrophenol-d4	9.587	143	98124	23.045	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	211583	21.053	ng/ul	0.00
31) 4-Chloroaniline-d4	10.628	131	308321	19.796	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	583490	20.285	ng/ul	0.00
49) Acenaphthylene-d8	14.046	160	751826	20.134	ng/ul	0.00
54) 4-Nitrophenol-d4	14.540	143	105834	21.094	ng/ul	0.00
60) Fluorene-d10	15.345	176	515467	20.599	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	60833	17.903	ng/ul	0.00
73) Anthracene-d10	17.198	188	765186	20.320	ng/ul	0.00
81) Pyrene-d10	19.498	212	811235	19.501	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.398	264	802933	20.919	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	37124	8.159	ng/uL	96
5) Pyridine	3.693	79	244871	19.774	ng/ul	100
6) Benzaldehyde	6.875	77	176338	25.430	ng/ul	97
8) Phenol	6.922	94	303333	20.068	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.158	93	237942	19.927	ng/ul	97
12) 2-Chlorophenol	7.293	128	235583	20.594	ng/ul	99
13) 2-Methylphenol	8.158	108	220883	19.571	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.258	45	307015	19.738	ng/ul	99
16) Acetophenone	8.534	105	349351	20.042	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.522	70	169573	19.860	ng/ul	99
18) 4-Methylphenol	8.481	108	240067	19.834	ng/ul	98
19) Hexachloroethane	8.799	117	93938	20.090	ng/ul	98
22) Nitrobenzene	8.911	77	254143	21.777	ng/ul	99
23) Isophorone	9.434	82	455962	19.867	ng/ul	99
25) 2-Nitrophenol	9.616	139	109971	23.299	ng/ul	97
26) 2,4-Dimethylphenol	9.675	107	256580	20.968	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.916	93	302734	20.674	ng/ul	97
29) 2,4-Dichlorophenol	10.146	162	205513	20.995	ng/ul	98
30) Naphthalene	10.552	128	733617	20.574	ng/ul	100
32) 4-Chloroaniline	10.652	127	311819	20.370	ng/ul	99
33) Hexachlorobutadiene	10.840	225	124929	20.560	ng/ul	96
34) Caprolactam	11.399	113	61286	18.332	ng/ul	97
35) 4-Chloro-3-methylphenol	11.781	107	222327	20.757	ng/ul	100
36) 2-Methylnaphthalene	12.163	142	500626	20.280	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.381	142	501931	20.292	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.534	216	239622	20.493	ng/ul	99
40) Hexachlorocyclopentadiene	12.516	237	107582	16.859	ng/ul	96
41) 2,4,6-Trichlorophenol	12.775	196	149579	21.879	ng/ul	98
42) 2,4,5-Trichlorophenol	12.840	196	163532	21.529	ng/ul	98
43) 1,1'-Biphenyl	13.181	154	623529	20.627	ng/ul	99
44) 2-Chloronaphthalene	13.222	162	489012	20.769	ng/ul	99
45) 2-Nitroaniline	13.422	65	127756	23.322	ng/ul	99
47) Dimethylphthalate	13.810	163	572749	20.573	ng/ul	100
48) 2,6-Dinitrotoluene	13.922	165	107691	22.991	ng/ul	98
50) Acenaphthylene	14.069	152	722084	20.494	ng/ul	99
51) 3-Nitroaniline	14.251	138	122629	23.154	ng/ul	95
52) Acenaphthene	14.416	153	505420	20.390	ng/ul	98
53) 2,4-Dinitrophenol	14.457	184	35937	16.708	ng/ul	92
55) 4-Nitrophenol	14.557	109	79470	21.721	ng/ul	94
56) Dibenzofuran	14.751	168	718163	20.627	ng/ul	99
57) 2,4-Dinitrotoluene	14.716	165	151975	23.267	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.975	232	120891	21.713	ng/ul	97
59) Diethylphthalate	15.181	149	562285	20.232	ng/ul	100
61) Fluorene	15.404	166	563610	20.450	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.398	204	268426	20.497	ng/ul	98
63) 4-Nitroaniline	15.416	138	123824	25.125	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.475	198	62598	18.229	ng/ul#	98
67) N-Nitrosodiphenylamine	15.616	169	492145	20.623	ng/ul	96
68) 4-Bromophenyl-phenylether	16.298	248	156419	19.750	ng/ul	97
69) Hexachlorobenzene	16.404	284	186585	21.023	ng/ul	97
70) Atrazine	16.563	200	162902	19.618	ng/ul	98
71) Pentachlorophenol	16.745	266	88760	19.116	ng/ul	97
72) Phenanthrene	17.139	178	892119	20.544	ng/ul	99
74) Anthracene	17.234	178	898609	20.158	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.146	216	233849	20.071	ng/uL	96
76) Pentachlorobenzene	14.669	250	222073	19.906	ng/uL	98
77) Carbazole	17.498	167	817711	20.351	ng/ul	100
78) Di-n-butylphthalate	18.075	149	915509	20.016	ng/ul	99
80) Fluoranthene	19.163	202	988875	19.692	ng/ul	99
82) Pyrene	19.528	202	1058971	20.233	ng/ul	99
83) Butylbenzylphthalate	20.439	149	377512	20.235	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.216	252	298007	18.233	ng/ul	88
85) Benzo(a)anthracene	21.280	228	981954	20.003	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.222	149	569039	19.046	ng/ul	95
87) Chrysene	21.333	228	963114	19.924	ng/ul	98
89) Di-n-octyl phthalate	22.110	149	975524	20.063	ng/ul	100
90) Benzo(b)fluoranthene	22.869	252	1026155	21.917	ng/ul	98
91) Benzo(k)fluoranthene	22.916	252	977491	20.628	ng/ul	96
93) Benzo(a)pyrene	23.445	252	901413	21.182	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.798	276	1067159	20.669	ng/ul	100
95) Dibenzo(a,h)anthracene	25.816	278	927910	21.683	ng/ul	97
96) Benzo(g,h,i)perylene	26.486	276	895465	20.064	ng/ul	99

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

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