Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
Data File : BN015166.D
Acq On : 28 Jun 2021 09:16
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD020410

Quant Time: Jun 28 10:43:41 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	7.722	152	172953	20.000	ng/ul	0.00
20) Naphthalene-d8	10.493	136	691144	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.345	164	407252	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.092	188	805654	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	773609	20.000	ng/ul	0.00
88) Perylene-d12	23.545	264	776959	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	35010	7.876	ng/uL	0.00
4) Pyridine-d5	3.669	84	235541	19.656	ng/ul	0.00
7) Phenol-d5	6.893	99	293255	19.536	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.058	67	175735	19.934	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.258	132	232622	20.437	ng/ul	0.00
15) 4-Methylphenol-d8	8.416	113	222382	19.195	ng/ul	0.00
21) Nitrobenzene-d5	8.863	128	110455	23.363	ng/ul	0.00
24) 2-Nitrophenol-d4	9.581	143	100090	23.767	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	209161	21.042	ng/ul	0.00
31) 4-Chloroaniline-d4	10.628	131	302194	19.617	ng/ul	0.00
46) Dimethylphthalate-d6	13.757	166	586597	20.976	ng/ul	0.00
49) Acenaphthylene-d8	14.040	160	761845	20.986	ng/ul	0.00
54) 4-Nitrophenol-d4	14.539	143	94472	19.368	ng/ul	0.00
60) Fluorene-d10	15.345	176	509557	20.945	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	51253	15.403	ng/ul	0.00
73) Anthracene-d10	17.192	188	776391	21.055	ng/ul	0.00
81) Pyrene-d10	19.498	212	839984	20.715	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.404	264	816204	21.280	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	35838	7.823	ng/uL	98
5) Pyridine	3.693	79	249371	20.002	ng/ul	97
6) Benzaldehyde	6.869	77	181307	25.970	ng/ul	98
8) Phenol	6.916	94	303202	19.924	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.152	93	239858	19.952	ng/ul	98
12) 2-Chlorophenol	7.287	128	235933	20.485	ng/ul	99
13) 2-Methylphenol	8.152	108	219796	19.343	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.246	45	306604	19.579	ng/ul	99
16) Acetophenone	8.534	105	352785	20.102	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.522	70	169238	19.687	ng/ul	98
18) 4-Methylphenol	8.481	108	237472	19.487	ng/ul	99
19) Hexachloroethane	8.793	117	93504	19.862	ng/ul	96
22) Nitrobenzene	8.904	77	260743	22.589	ng/ul	100
23) Isophorone	9.428	82	460581	20.290	ng/ul	99
25) 2-Nitrophenol	9.610	139	109969	23.556	ng/ul	99
26) 2,4-Dimethylphenol	9.675	107	252919	20.897	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.910	93	303737	20.972	ng/ul	99
29) 2,4-Dichlorophenol	10.140	162	207446	21.426	ng/ul	99
30) Naphthalene	10.546	128	735006	20.841	ng/ul	100
32) 4-Chloroaniline	10.651	127	308146	20.352	ng/ul	98
33) Hexachlorobutadiene	10.834	225	126035	20.971	ng/ul	96
34) Caprolactam	11.393	113	62066	18.771	ng/ul	91
35) 4-Chloro-3-methylphenol	11.775	107	219154	20.686	ng/ul	96
36) 2-Methylnaphthalene	12.157	142	505812	20.717	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.381	142	507646	20.750	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.534	216	243170	21.391	ng/ul	95
40) Hexachlorocyclopentadiene	12.510	237	85367	13.760	ng/ul	98
41) 2,4,6-Trichlorophenol	12.769	196	144626	21.759	ng/ul	95
42) 2,4,5-Trichlorophenol	12.840	196	160262	21.702	ng/ul	91
43) 1,1'-Biphenyl	13.181	154	634058	21.575	ng/ul	99
44) 2-Chloronaphthalene	13.216	162	486961	21.273	ng/ul	98
45) 2-Nitroaniline	13.422	65	130861	24.571	ng/ul	96
47) Dimethylphthalate	13.804	163	562253	20.773	ng/ul	99
48) 2,6-Dinitrotoluene	13.922	165	110847	24.341	ng/ul	95
50) Acenaphthylene	14.069	152	742487	21.675	ng/ul	98
51) 3-Nitroaniline	14.245	138	123200	23.927	ng/ul	95
52) Acenaphthene	14.410	153	504351	20.928	ng/ul	99
53) 2,4-Dinitrophenol	14.457	184	25911	12.391	ng/ul	99
55) 4-Nitrophenol	14.557	109	72557	20.398	ng/ul	92
56) Dibenzofuran	14.745	168	710524	20.991	ng/ul	97
57) 2,4-Dinitrotoluene	14.710	165	157232	24.759	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.975	232	122352	22.603	ng/ul	98
59) Diethylphthalate	15.175	149	563453	20.854	ng/ul	99
61) Fluorene	15.398	166	565453	21.103	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.398	204	270457	21.242	ng/ul	98
63) 4-Nitroaniline	15.410	138	119773	24.998	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.475	198	51633	15.354	ng/ul	97
67) N-Nitrosodiphenylamine	15.610	169	484283	20.724	ng/ul	100
68) 4-Bromophenyl-phenylether	16.286	248	164133	21.164	ng/ul	96
69) Hexachlorobenzene	16.404	284	182978	21.053	ng/ul	98
70) Atrazine	16.563	200	158859	19.537	ng/ul	99
71) Pentachlorophenol	16.745	266	83875	18.447	ng/ul	95
72) Phenanthrene	17.139	178	903129	21.239	ng/ul	99
74) Anthracene	17.228	178	916351	20.992	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.140	216	237156	20.786	ng/uL	95
76) Pentachlorobenzene	14.669	250	230134	21.066	ng/uL	97
77) Carbazole	17.498	167	828341	21.053	ng/ul	99
78) Di-n-butylphthalate	18.069	149	917501	20.485	ng/ul	100
80) Fluoranthene	19.157	202	1014078	20.718	ng/ul	99
82) Pyrene	19.527	202	1042725	20.439	ng/ul	100
83) Butylbenzylphthalate	20.439	149	370632	20.382	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.216	252	275993	17.324	ng/ul	97
85) Benzo(a)anthracene	21.286	228	1000497	20.909	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.227	149	551964	18.953	ng/ul	98
87) Chrysene	21.339	228	963405	20.446	ng/ul	99
89) Di-n-octyl phthalate	22.110	149	1006746	20.719	ng/ul	100
90) Benzo(b)fluoranthene	22.868	252	979905	20.944	ng/ul	99
91) Benzo(k)fluoranthene	22.916	252	1014456	21.423	ng/ul	98
93) Benzo(a)pyrene	23.451	252	906685	21.321	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.809	276	1105131	21.420	ng/ul	97
95) Dibenzo(a,h)anthracene	25.815	278	896805	20.972	ng/ul	99
96) Benzo(g,h,i)perylene	26.498	276	899391	20.166	ng/ul	97

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

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