Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022522\
Data File : BN018740.D
Acq On : 25 Feb 2022 21:17
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020291

Quant Time: Feb 25 23:08:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN021622.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 16 16:48:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	211652	20.000	ng/ul	0.00
20) Naphthalene-d8	10.722	136	804159	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.545	164	454002	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.286	188	850180	20.000	ng/ul	0.00
79) Chrysene-d12	21.463	240	732183	20.000	ng/ul	0.00
88) Perylene-d12	23.862	264	770294	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	49161	8.755	ng/uL	0.00
4) Pyridine-d5	3.699	84	332465	21.900	ng/ul	0.00
7) Phenol-d5	7.063	99	395067	22.632	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	242315	22.366	ng/ul	0.00
11) 2-Chlorophenol-d4	7.440	132	316105	22.992	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	297568	22.323	ng/ul	0.00
21) Nitrobenzene-d5	9.069	128	141649	22.923	ng/ul	0.00
24) 2-Nitrophenol-d4	9.793	143	156458	23.642	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	287343	22.748	ng/ul	0.00
31) 4-Chloroaniline-d4	10.845	131	366740	21.730	ng/ul	0.00
46) Dimethylphthalate-d6	13.951	166	733491	22.318	ng/ul	0.00
49) Acenaphthylene-d8	14.239	160	978195	22.973	ng/ul	0.00
54) 4-Nitrophenol-d4	14.722	143	123781	21.673	ng/ul	0.00
60) Fluorene-d10	15.533	176	629581	22.188	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	102959	20.525	ng/ul	0.00
73) Anthracene-d10	17.380	188	905722	22.264	ng/ul	0.00
81) Pyrene-d10	19.674	212	981331	22.899	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.704	264	899078	22.887	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	52517	8.851	ng/uL	95
5) Pyridine	3.722	79	352526	22.479	ng/ul	96
6) Benzaldehyde	7.040	77	190554	19.739	ng/ul	95
8) Phenol	7.087	94	417324	22.980	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.322	93	328775	22.384	ng/ul	100
12) 2-Chlorophenol	7.469	128	328401	22.550	ng/ul	94
13) 2-Methylphenol	8.346	108	298850	22.540	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.440	45	442225	22.700	ng/ul	98
16) Acetophenone	8.728	105	474217	22.609	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.716	70	235469	22.804	ng/ul#	91
18) 4-Methylphenol	8.675	108	322098	22.560	ng/ul	99
19) Hexachloroethane	8.998	117	135787	21.886	ng/ul	93
22) Nitrobenzene	9.110	77	362793	22.946	ng/ul	96
23) Isophorone	9.634	82	630172	22.814	ng/ul	96
25) 2-Nitrophenol	9.828	139	171895	23.298	ng/ul	92
26) 2,4-Dimethylphenol	9.887	107	353051	22.559	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.122	93	404276	22.368	ng/ul	99
29) 2,4-Dichlorophenol	10.357	162	291037	22.604	ng/ul	99
30) Naphthalene	10.769	128	979991	22.302	ng/ul	99
32) 4-Chloroaniline	10.869	127	385529	22.069	ng/ul	98
33) Hexachlorobutadiene	11.063	225	205661	22.139	ng/ul	98
34) Caprolactam	11.610	113	74193	21.887	ng/ul	91
35) 4-Chloro-3-methylphenol	11.992	107	293196	22.533	ng/ul	99
36) 2-Methylnaphthalene	12.375	142	631101	21.603	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.598	142	651593	22.029	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.745	216	340557	22.345	ng/ul#	96
40) Hexachlorocyclopentadiene	12.734	237	210244	20.034	ng/ul	98
41) 2,4,6-Trichlorophenol	12.981	196	210525	23.574	ng/ul	99
42) 2,4,5-Trichlorophenol	13.051	196	227983	23.374	ng/ul	96
43) 1,1'-Biphenyl	13.381	154	835793	22.512	ng/ul	98
44) 2-Chloronaphthalene	13.422	162	652143	22.840	ng/ul	97
45) 2-Nitroaniline	13.616	65	172825	23.844	ng/ul	95
47) Dimethylphthalate	13.998	163	734562	21.870	ng/ul	99
48) 2,6-Dinitrotoluene	14.110	165	143062	22.827	ng/ul	99
50) Acenaphthylene	14.269	152	1004155	22.519	ng/ul	99
51) 3-Nitroaniline	14.439	138	106703	18.297	ng/ul	86
52) Acenaphthene	14.610	153	638849	22.114	ng/ul	99
53) 2,4-Dinitrophenol	14.645	184	66136	18.024	ng/ul	91
55) 4-Nitrophenol	14.733	109	107286	20.715	ng/ul	93
56) Dibenzofuran	14.939	168	907378	22.049	ng/ul	95
57) 2,4-Dinitrotoluene	14.898	165	202031	22.313	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.169	232	167189	22.141	ng/ul#	90
59) Diethylphthalate	15.357	149	702546	21.593	ng/ul	97
61) Fluorene	15.592	166	702000	22.116	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.580	204	355632	21.872	ng/ul	94
63) 4-Nitroaniline	15.592	138	83454	17.004	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.657	198	105212	20.336	ng/ul	94
67) N-Nitrosodiphenylamine	15.792	169	597986	22.704	ng/ul	97
68) 4-Bromophenyl-phenylether	16.475	248	203697	21.678	ng/ul	90
69) Hexachlorobenzene	16.598	284	235609	22.243	ng/ul#	90
70) Atrazine	16.739	200	202330	21.615	ng/ul	97
71) Pentachlorophenol	16.933	266	123325	20.690	ng/ul	99
72) Phenanthrene	17.327	178	1056670	22.010	ng/ul	98
74) Anthracene	17.416	178	1081606	22.436	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.351	216	370519	23.256	ng/uL	96
76) Pentachlorobenzene	14.869	250	301604	22.501	ng/uL	99
77) Carbazole	17.680	167	931474	22.693	ng/ul	97
78) Di-n-butylphthalate	18.251	149	1036843	21.793	ng/ul	100
80) Fluoranthene	19.339	202	1169788	22.858	ng/ul	99
82) Pyrene	19.704	202	1166377	22.168	ng/ul	99
83) Butylbenzylphthalate	20.598	149	415981	22.765	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.374	252	247128	18.005	ng/ul#	99
85) Benzo(a)anthracene	21.445	228	1120239	23.021	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.380	149	609654	22.214	ng/ul	96
87) Chrysene	21.504	228	1067917	22.176	ng/ul	98
89) Di-n-octyl phthalate	22.298	149	1013219	19.239	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	1106011	21.300	ng/ul	99
91) Benzo(k)fluoranthene	23.174	252	1112902	22.640	ng/ul	97
93) Benzo(a)pyrene	23.757	252	1114002	22.284	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.351	276	1321993	23.634	ng/ul	98
95) Dibenzo(a,h)anthracene	26.368	278	1111517	22.998	ng/ul	98
96) Benzo(g,h,i)perylene	27.109	276	1132543	23.719	ng/ul	98

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

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