Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061722\
Data File : BN020261.D
Acq On : 18 Jun 2022 13:56
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020331

Quant Time: Jun 20 02:24:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 17 22:53:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	146139	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	736834	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.422	164	485913	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.157	188	980844	20.000	ng/ul	0.00
79) Chrysene-d12	21.351	240	821362	20.000	ng/ul	0.00
88) Perylene-d12	23.663	264	659789	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	25655	7.604	ng/uL	0.00
4) Pyridine-d5	3.658	84	170878	18.529	ng/ul	0.00
7) Phenol-d5	6.981	99	249138	20.603	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	152574	20.194	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	204942	20.858	ng/ul	0.00
15) 4-Methylphenol-d8	8.510	113	223060	21.321	ng/ul	0.00
21) Nitrobenzene-d5	8.940	128	104359	18.617	ng/ul	0.00
24) 2-Nitrophenol-d4	9.663	143	116494	19.582	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	214512	20.655	ng/ul	0.00
31) 4-Chloroaniline-d4	10.710	131	322225	19.159	ng/ul	0.00
46) Dimethylphthalate-d6	13.828	166	658004	18.611	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	793178	19.345	ng/ul	0.00
54) 4-Nitrophenol-d4	14.657	143	114409	16.148	ng/ul	0.00
60) Fluorene-d10	15.410	176	553896	18.932	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.534	200	108300	19.061	ng/ul	0.00
73) Anthracene-d10	17.257	188	835129	19.509	ng/ul	0.00
81) Pyrene-d10	19.557	212	915662	20.564	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.510	264	634552	19.657	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	26224	7.362	ng/uL#	96
5) Pyridine	3.681	79	182553	18.882	ng/ul	94
6) Benzaldehyde	6.928	77	132180	23.198	ng/ul	94
8) Phenol	7.005	94	268782	20.874	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.216	93	202411	20.084	ng/ul	99
12) 2-Chlorophenol	7.357	128	214008	20.838	ng/ul	99
13) 2-Methylphenol	8.246	108	206620	20.872	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.322	45	323657	20.480	ng/ul	97
16) Acetophenone	8.604	105	336151	21.128	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.593	70	166697	20.510	ng/ul	94
18) 4-Methylphenol	8.575	108	232348	21.266	ng/ul	97
19) Hexachloroethane	8.863	117	79290	19.187	ng/ul	88
22) Nitrobenzene	8.981	77	245818	18.913	ng/ul	96
23) Isophorone	9.504	82	466672	18.185	ng/ul	97
25) 2-Nitrophenol	9.693	139	128254	19.510	ng/ul	99
26) 2,4-Dimethylphenol	9.769	107	271109	19.906	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.993	93	300019	19.104	ng/ul	99
29) 2,4-Dichlorophenol	10.240	162	219039	20.389	ng/ul	95
30) Naphthalene	10.628	128	731661	19.160	ng/ul	99
32) 4-Chloroaniline	10.734	127	329403	19.581	ng/ul	99
33) Hexachlorobutadiene	10.922	225	113881	18.463	ng/ul	97
34) Caprolactam	11.487	113	85445	20.367	ng/ul	96
35) 4-Chloro-3-methylphenol	11.887	107	259861	20.485	ng/ul	98
36) 2-Methylnaphthalene	12.240	142	511256	19.803	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.457	142	509286	19.331	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.616	216	232870	18.791	ng/ul	97
40) Hexachlorocyclopentadiene	12.598	237	134809	17.882	ng/ul	98
41) 2,4,6-Trichlorophenol	12.857	196	166636	19.500	ng/ul	95
42) 2,4,5-Trichlorophenol	12.945	196	181664	19.195	ng/ul	99
43) 1,1'-Biphenyl	13.251	154	688876	19.146	ng/ul	98
44) 2-Chloronaphthalene	13.292	162	520627	19.073	ng/ul	97
45) 2-Nitroaniline	13.498	65	162048	19.083	ng/ul	93
47) Dimethylphthalate	13.881	163	652357	18.329	ng/ul	100
48) 2,6-Dinitrotoluene	13.998	165	134599	19.342	ng/ul	92
50) Acenaphthylene	14.140	152	863059	19.012	ng/ul	99
51) 3-Nitroaniline	14.322	138	137289	18.661	ng/ul	99
52) Acenaphthene	14.481	153	560375	18.898	ng/ul	98
53) 2,4-Dinitrophenol	14.534	184	88528	19.870	ng/ul	97
55) 4-Nitrophenol	14.669	109	99836	16.509	ng/ul	95
56) Dibenzofuran	14.816	168	804809	19.265	ng/ul	97
57) 2,4-Dinitrotoluene	14.781	165	199539	19.365	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.051	232	143021	19.251	ng/ul#	89
59) Diethylphthalate	15.245	149	677105	18.478	ng/ul	97
61) Fluorene	15.463	166	629408	19.362	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.463	204	291197	19.452	ng/ul	93
63) 4-Nitroaniline	15.481	138	126577	18.412	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.545	198	111222	19.308	ng/ul#	92
67) N-Nitrosodiphenylamine	15.675	169	552508	19.649	ng/ul	98
68) 4-Bromophenyl-phenylether	16.351	248	167930	19.660	ng/ul#	89
69) Hexachlorobenzene	16.475	284	187039	19.049	ng/ul#	87
70) Atrazine	16.628	200	187349	19.096	ng/ul	95
71) Pentachlorophenol	16.822	266	128337	20.986	ng/ul	95
72) Phenanthrene	17.204	178	1001960	19.357	ng/ul	100
74) Anthracene	17.292	178	1025963	19.712	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.222	216	252277	19.207	ng/uL	98
76) Pentachlorobenzene	14.745	250	235894	20.321	ng/uL	92
77) Carbazole	17.563	167	931116	19.664	ng/ul	97
78) Di-n-butylphthalate	18.133	149	1127787	19.208	ng/ul	100
80) Fluoranthene	19.222	202	1125039	20.920	ng/ul	97
82) Pyrene	19.586	202	1127208	20.430	ng/ul	95
83) Butylbenzylphthalate	20.492	149	512227	20.629	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.269	252	296210	18.882	ng/ul#	95
85) Benzo(a)anthracene	21.333	228	979856	18.892	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.274	149	753109	21.496	ng/ul#	96
87) Chrysene	21.386	228	981030	19.334	ng/ul	97
89) Di-n-octyl phthalate	22.174	149	1264321	23.544	ng/ul	100
90) Benzo(b)fluoranthene	22.963	252	887167	21.424	ng/ul#	96
91) Benzo(k)fluoranthene	23.010	252	820142	20.806	ng/ul	98
93) Benzo(a)pyrene	23.563	252	803310	20.041	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.039	276	784057	19.012	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.051	278	677653	19.238	ng/ul	97
96) Benzo(g,h,i)perylene	26.762	276	668587	19.198	ng/ul#	93

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

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