Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030822\
Data File : BN018864.D
Acq On : 08 Mar 2022 11:03
Operator : CG/JU
Sample : SSTD01046
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD010246

Quant Time: Mar 08 12:30:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030822.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 08 12:28:55 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	144330	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	674652	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.540	164	465756	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.281	188	1016541	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	1135699	20.000	ng/ul	0.00
88) Perylene-d12	23.851	264	1217226	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	16185	4.160	ng/uL	0.00
4) Pyridine-d5	3.693	84	113745	10.342	ng/ul	0.00
7) Phenol-d5	7.058	99	139231	10.349	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	92910	11.397	ng/ul	0.00
11) 2-Chlorophenol-d4	7.434	132	106237	10.651	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	116589	10.899	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	52479	9.898	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	55600	9.567	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	114603	10.416	ng/ul	0.00
31) 4-Chloroaniline-d4	10.840	131	164254	10.380	ng/ul	0.00
46) Dimethylphthalate-d6	13.945	166	375532	10.481	ng/ul	0.00
49) Acenaphthylene-d8	14.234	160	467826	10.516	ng/ul	0.00
54) 4-Nitrophenol-d4	14.716	143	68947	10.094	ng/ul	0.00
60) Fluorene-d10	15.528	176	333920	10.975	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	55802	8.548	ng/ul	0.00
73) Anthracene-d10	17.375	188	525423	10.647	ng/ul	0.00
81) Pyrene-d10	19.669	212	643412	9.358	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.692	264	674291	10.411	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	17767	4.287	ng/uL	98
5) Pyridine	3.711	79	119474	10.525	ng/ul	96
6) Benzaldehyde	7.034	77	88068	13.486	ng/ul	94
8) Phenol	7.081	94	149669	10.735	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.322	93	123499	11.249	ng/ul	97
12) 2-Chlorophenol	7.463	128	114751	10.963	ng/ul	98
13) 2-Methylphenol	8.346	108	110204	10.633	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.440	45	179234	11.647	ng/ul	100
16) Acetophenone	8.722	105	194717	11.962	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.710	70	96501	11.612	ng/ul	100
18) 4-Methylphenol	8.669	108	126458	11.175	ng/ul	95
19) Hexachloroethane	8.993	117	44277	10.444	ng/ul	96
22) Nitrobenzene	9.105	77	141311	10.419	ng/ul	100
23) Isophorone	9.628	82	264841	10.320	ng/ul	100
25) 2-Nitrophenol	9.822	139	64811	10.120	ng/ul	100
26) 2,4-Dimethylphenol	9.881	107	145472	10.625	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.116	93	174539	10.767	ng/ul	98
29) 2,4-Dichlorophenol	10.352	162	117048	10.529	ng/ul	99
30) Naphthalene	10.763	128	405680	10.857	ng/ul	100
32) 4-Chloroaniline	10.863	127	178301	10.991	ng/ul	98
33) Hexachlorobutadiene	11.063	225	74547	10.223	ng/ul	98
34) Caprolactam	11.599	113	35045	9.142	ng/ul	91
35) 4-Chloro-3-methylphenol	11.987	107	135857	10.800	ng/ul	98
36) 2-Methylnaphthalene	12.369	142	287876	11.167	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.593	142	297426	11.210	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.740	216	153907	10.426	ng/ul	98
40) Hexachlorocyclopentadiene	12.728	237	79053	8.338	ng/ul	95
41) 2,4,6-Trichlorophenol	12.975	196	94874	9.997	ng/ul	98
42) 2,4,5-Trichlorophenol	13.045	196	106727	10.231	ng/ul	97
43) 1,1'-Biphenyl	13.375	154	399755	10.692	ng/ul	99
44) 2-Chloronaphthalene	13.416	162	307140	10.678	ng/ul	99
45) 2-Nitroaniline	13.610	65	80420	9.509	ng/ul	98
47) Dimethylphthalate	13.993	163	385758	10.575	ng/ul	99
48) 2,6-Dinitrotoluene	14.104	165	68030	9.701	ng/ul	99
50) Acenaphthylene	14.263	152	505954	11.055	ng/ul	100
51) 3-Nitroaniline	14.434	138	76097	11.512	ng/ul	98
52) Acenaphthene	14.604	153	329972	10.999	ng/ul	98
53) 2,4-Dinitrophenol	14.640	184	32914	6.905	ng/ul	99
55) 4-Nitrophenol	14.728	109	59689	10.123	ng/ul	99
56) Dibenzofuran	14.934	168	482100	11.122	ng/ul	100
57) 2,4-Dinitrotoluene	14.892	165	104631	10.051	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.163	232	86772	10.302	ng/ul	98
59) Diethylphthalate	15.351	149	382230	6.137	ng/ul	99
61) Fluorene	15.581	166	387697	11.479	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.575	204	191520	11.278	ng/ul	99
63) 4-Nitroaniline	15.587	138	78351	13.752	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.651	198	59683	9.074	ng/ul#	98
67) N-Nitrosodiphenylamine	15.787	169	327353	10.568	ng/ul	94
68) 4-Bromophenyl-phenylether	16.469	248	112212	10.324	ng/ul	100
69) Hexachlorobenzene	16.592	284	129453	10.385	ng/ul	94
70) Atrazine	16.734	200	113526	9.821	ng/ul	97
71) Pentachlorophenol	16.928	266	67131	8.458	ng/ul	96
72) Phenanthrene	17.322	178	631788	10.847	ng/ul	98
74) Anthracene	17.410	178	642357	11.104	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.345	216	168386	10.170	ng/uL	99
76) Pentachlorobenzene	14.863	250	154609	10.597	ng/uL	95
77) Carbazole	17.675	167	579799	11.489	ng/ul	98
78) Di-n-butylphthalate	18.245	149	606213	10.195	ng/ul	100
80) Fluoranthene	19.333	202	759959	9.372	ng/ul	100
82) Pyrene	19.698	202	805666	9.641	ng/ul	99
83) Butylbenzylphthalate	20.592	149	266248	8.693	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.369	252	266432	12.266	ng/ul	98
85) Benzo(a)anthracene	21.439	228	818866	10.596	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.369	149	443464	10.161	ng/ul	98
87) Chrysene	21.492	228	796223	10.649	ng/ul	99
89) Di-n-octyl phthalate	22.292	149	746717	8.129	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	899836	10.327	ng/ul	97
91) Benzo(k)fluoranthene	23.168	252	820347	9.990	ng/ul	97
93) Benzo(a)pyrene	23.745	252	859500	10.562	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.333	276	972748	12.464	ng/ul	97
95) Dibenzo(a,h)anthracene	26.345	278	832037	12.548	ng/ul	98
96) Benzo(g,h,i)perylene	27.086	276	807876	12.562	ng/ul	95

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

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