Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011122\
Data File : BN018381.D
Acq On : 11 Jan 2022 10:28
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020274

Quant Time: Jan 11 10:59:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 07 01:31:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	556154	20.000	ng/ul	0.00
20) Naphthalene-d8	10.369	136	2501576	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.233	164	1461171	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.974	188	2862227	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.174	240	2627419	20.000	ng/ul	# 0.00
88) Perylene-d12	23.392	264	2675298	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.057	96	105422	7.620	ng/uL	0.00
4) Pyridine-d5	3.463	84	887485	20.498	ng/ul	0.00
7) Phenol-d5	6.775	99	1096778	20.291	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.928	67	705033	20.477	ng/ul	0.00
11) 2-Chlorophenol-d4	7.122	132	846372	21.377	ng/ul	0.00
15) 4-Methylphenol-d8	8.310	113	864635	20.266	ng/ul	0.00
21) Nitrobenzene-d5	8.739	128	405980	21.790	ng/ul	0.00
24) 2-Nitrophenol-d4	9.457	143	445320	22.360	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.998	165	777435	21.486	ng/ul	0.00
31) 4-Chloroaniline-d4	10.510	131	1130181	20.324	ng/ul	0.00
46) Dimethylphthalate-d6	13.651	166	2273017	21.417	ng/ul	0.00
49) Acenaphthylene-d8	13.922	160	2972006	22.152	ng/ul	0.00
54) 4-Nitrophenol-d4	14.451	143	418166	20.648	ng/ul	0.00
60) Fluorene-d10	15.227	176	1895444	21.168	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.357	200	338523	20.902	ng/ul	0.00
73) Anthracene-d10	17.074	188	2844161	21.455	ng/ul	0.00
81) Pyrene-d10	19.374	212	3184712	21.130	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.250	264	2953376	22.182	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.093	88	119833	7.698	ng/uL	96
5) Pyridine	3.481	79	918742	20.403	ng/ul	97
6) Benzaldehyde	6.728	77	720786	20.996	ng/ul	98
8) Phenol	6.798	94	1159185	20.577	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.022	93	934896	20.583	ng/ul	97
12) 2-Chlorophenol	7.157	128	892026	21.350	ng/ul	94
13) 2-Methylphenol	8.040	108	865743	20.428	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.122	45	1220943	20.256	ng/ul	98
16) Acetophenone	8.404	105	1373303	21.014	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.398	70	731235	20.479	ng/ul	94
18) 4-Methylphenol	8.369	108	938596	20.640	ng/ul	99
19) Hexachloroethane	8.657	117	358676	20.699	ng/ul#	74
22) Nitrobenzene	8.781	77	1070493	21.748	ng/ul	99
23) Isophorone	9.304	82	2091484	21.157	ng/ul	98
25) 2-Nitrophenol	9.486	139	501234	22.607	ng/ul	97
26) 2,4-Dimethylphenol	9.563	107	1041726	21.186	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.792	93	1280843	20.828	ng/ul	97
29) 2,4-Dichlorophenol	10.028	162	789970	21.554	ng/ul	97
30) Naphthalene	10.416	128	2830664	20.682	ng/ul	99
32) 4-Chloroaniline	10.534	127	1187342	20.906	ng/ul	99
33) Hexachlorobutadiene	10.716	225	426047	21.318	ng/ul	99
34) Caprolactam	11.275	113	274393	19.046	ng/ul	92
35) 4-Chloro-3-methylphenol	11.675	107	963668	21.010	ng/ul	99
36) 2-Methylnaphthalene	12.039	142	1898019	20.783	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.263	142	1940196	20.415	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.416	216	856718	22.859	ng/ul#	93
40) Hexachlorocyclopentadiene	12.404	237	458028	21.278	ng/ul	95
41) 2,4,6-Trichlorophenol	12.663	196	583234	22.945	ng/ul	99
42) 2,4,5-Trichlorophenol	12.739	196	623794	23.150	ng/ul	99
43) 1,1'-Biphenyl	13.063	154	2492214	21.901	ng/ul	99
44) 2-Chloronaphthalene	13.104	162	1860728	21.883	ng/ul	93
45) 2-Nitroaniline	13.310	65	606622	22.794	ng/ul	96
47) Dimethylphthalate	13.698	163	2328056	21.613	ng/ul#	99
48) 2,6-Dinitrotoluene	13.816	165	449015	21.997	ng/ul	91
50) Acenaphthylene	13.951	152	3054364	21.604	ng/ul	99
51) 3-Nitroaniline	14.139	138	499134	21.750	ng/ul	94
52) Acenaphthene	14.298	153	1955247	20.987	ng/ul	95
53) 2,4-Dinitrophenol	14.351	184	224065	19.489	ng/ul#	82
55) 4-Nitrophenol	14.463	109	359882	20.799	ng/ul	98
56) Dibenzofuran	14.633	168	2753042	21.310	ng/ul	90
57) 2,4-Dinitrotoluene	14.604	165	649546	22.116	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	14.869	232	482031	22.192	ng/ul#	76
59) Diethylphthalate	15.074	149	2397431	21.559	ng/ul	98
61) Fluorene	15.286	166	2108474	21.192	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.286	204	947398	21.295	ng/ul#	82
63) 4-Nitroaniline	15.304	138	472812	23.098	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.374	198	346959	21.017	ng/ul	92
67) N-Nitrosodiphenylamine	15.498	169	1876988	21.157	ng/ul	97
68) 4-Bromophenyl-phenylether	16.174	248	595993	21.473	ng/ul#	76
69) Hexachlorobenzene	16.292	284	704196	21.165	ng/ul#	91
70) Atrazine	16.457	200	633855	21.788	ng/ul#	95
71) Pentachlorophenol	16.633	266	403469	21.244	ng/ul	95
72) Phenanthrene	17.021	178	3433324	21.109	ng/ul	98
74) Anthracene	17.110	178	3391789	21.006	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.028	216	929959	22.754	ng/uL	96
76) Pentachlorobenzene	14.557	250	817642	21.398	ng/uL	98
77) Carbazole	17.380	167	3152957	22.186	ng/ul	97
78) Di-n-butylphthalate	17.963	149	4108704	23.518	ng/ul	99
80) Fluoranthene	19.039	202	3911087	21.408	ng/ul#	90
82) Pyrene	19.404	202	3913162	21.023	ng/ul#	87
83) Butylbenzylphthalate	20.327	149	1808523	23.438	ng/ul#	97
84) 3,3'-Dichlorobenzidine	21.098	252	1192433	23.544	ng/ul#	95
85) Benzo(a)anthracene	21.162	228	3514871	20.437	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.109	149	2769382	23.596	ng/ul#	95
87) Chrysene	21.209	228	3425344	20.223	ng/ul	98
89) Di-n-octyl phthalate	21.986	149	4699692	24.516	ng/ul	100
90) Benzo(b)fluoranthene	22.727	252	3897142	22.723	ng/ul#	95
91) Benzo(k)fluoranthene	22.774	252	3387090	21.295	ng/ul#	94
93) Benzo(a)pyrene	23.298	252	3558501	21.758	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	25.639	276	3917699	21.659	ng/ul#	90
95) Dibenzo(a,h)anthracene	25.656	278	3287358	21.554	ng/ul#	95
96) Benzo(g,h,i)perylene	26.327	276	3207613	21.164	ng/ul#	93

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

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