Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111722\
Data File : BN022778.D
Acq On : 19 Nov 2022 05:19
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020364

Quant Time: Nov 19 05:51:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 19 05:51:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	67306	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	324304	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.522	164	212628	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.275	188	447561	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	448187	20.000	ng/ul	0.00
88) Perylene-d12	23.874	264	458383	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	15091	7.655	ng/uL	0.00
4) Pyridine-d5	3.611	84	116259	20.853	ng/ul	0.00
7) Phenol-d5	7.016	99	134811	21.207	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	86555	22.709	ng/ul	0.00
11) 2-Chlorophenol-d4	7.375	132	99150	21.298	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	111444	22.206	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	53094	21.151	ng/ul	0.00
24) 2-Nitrophenol-d4	9.752	143	60337	21.542	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	104244	21.831	ng/ul	0.00
31) 4-Chloroaniline-d4	10.816	131	159962	21.993	ng/ul	0.00
46) Dimethylphthalate-d6	13.940	166	339048	21.923	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	378571	22.216	ng/ul	0.00
54) 4-Nitrophenol-d4	14.740	143	65991	21.404	ng/ul	0.00
60) Fluorene-d10	15.516	176	285247	22.488	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	57507	20.215	ng/ul	0.00
73) Anthracene-d10	17.375	188	439666	22.435	ng/ul	0.00
81) Pyrene-d10	19.681	212	480808	20.701	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.721	264	506565	21.984	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	16708	7.964	ng/uL#	90
5) Pyridine	3.634	79	116500	21.075	ng/ul	99
6) Benzaldehyde	6.987	77	87524	27.214	ng/ul	98
8) Phenol	7.046	94	144932	21.890	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.275	93	115298	22.349	ng/ul	98
12) 2-Chlorophenol	7.411	128	109030	21.933	ng/ul	98
13) 2-Methylphenol	8.305	108	109599	22.240	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.387	45	162530	23.866	ng/ul	98
16) Acetophenone	8.687	105	189742	23.688	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.675	70	104194	24.407	ng/ul	99
18) 4-Methylphenol	8.640	108	122626	22.916	ng/ul	99
19) Hexachloroethane	8.928	117	45886	21.802	ng/ul	98
22) Nitrobenzene	9.069	77	151232	22.237	ng/ul	99
23) Isophorone	9.599	82	290316	22.317	ng/ul	98
25) 2-Nitrophenol	9.787	139	67291	21.852	ng/ul	98
26) 2,4-Dimethylphenol	9.846	107	147109	22.271	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.087	93	167680	22.352	ng/ul	99
29) 2,4-Dichlorophenol	10.322	162	107900	22.232	ng/ul	99
30) Naphthalene	10.716	128	380382	22.098	ng/ul	99
32) 4-Chloroaniline	10.840	127	167892	22.103	ng/ul	99
33) Hexachlorobutadiene	10.993	225	66773	22.352	ng/ul	96
34) Caprolactam	11.628	113	39306	21.348	ng/ul	97
35) 4-Chloro-3-methylphenol	11.975	107	142425	22.501	ng/ul	100
36) 2-Methylnaphthalene	12.334	142	263928	22.508	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.557	142	267020	22.716	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.704	216	127773	22.388	ng/ul	99
40) Hexachlorocyclopentadiene	12.675	237	61931	18.586	ng/ul	98
41) 2,4,6-Trichlorophenol	12.951	196	87856	21.681	ng/ul	97
42) 2,4,5-Trichlorophenol	13.028	196	93195	21.718	ng/ul	97
43) 1,1'-Biphenyl	13.351	154	342399	21.938	ng/ul	97
44) 2-Chloronaphthalene	13.393	162	268936	22.114	ng/ul	97
45) 2-Nitroaniline	13.616	65	98391	22.277	ng/ul	98
47) Dimethylphthalate	13.987	163	358866	22.077	ng/ul	98
48) 2,6-Dinitrotoluene	14.110	165	73336	22.287	ng/ul	95
50) Acenaphthylene	14.246	152	433203	22.756	ng/ul	98
51) 3-Nitroaniline	14.446	138	79180	22.348	ng/ul	98
52) Acenaphthene	14.587	153	301774	22.343	ng/ul	99
53) 2,4-Dinitrophenol	14.657	184	40404	17.570	ng/ul	99
55) 4-Nitrophenol	14.757	109	66070	21.619	ng/ul	99
56) Dibenzofuran	14.922	168	397182	22.256	ng/ul	99
57) 2,4-Dinitrotoluene	14.904	165	109021	22.752	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.151	232	80803	21.987	ng/ul	97
59) Diethylphthalate	15.345	149	382497	22.201	ng/ul	99
61) Fluorene	15.569	166	344366	23.107	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.563	204	160836	22.895	ng/ul	98
63) 4-Nitroaniline	15.610	138	74790	23.671	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.663	198	59622	20.276	ng/ul#	99
67) N-Nitrosodiphenylamine	15.787	169	289583	21.611	ng/ul	99
68) 4-Bromophenyl-phenylether	16.463	248	96666	21.933	ng/ul	99
69) Hexachlorobenzene	16.575	284	115322	22.384	ng/ul	93
70) Atrazine	16.740	200	105064	21.996	ng/ul	96
71) Pentachlorophenol	16.928	266	67828	20.721	ng/ul	97
72) Phenanthrene	17.316	178	542833	22.502	ng/ul	97
74) Anthracene	17.410	178	544254	22.274	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.316	216	125055	21.188	ng/uL	94
76) Pentachlorobenzene	14.840	250	142804	22.419	ng/uL	98
77) Carbazole	17.687	167	501136	22.073	ng/ul	99
78) Di-n-butylphthalate	18.245	149	676670	20.942	ng/ul	99
80) Fluoranthene	19.345	202	633157	21.842	ng/ul	99
82) Pyrene	19.710	202	634749	21.376	ng/ul	99
83) Butylbenzylphthalate	20.610	149	314181	20.785	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.404	252	232784	23.540	ng/ul	94
85) Benzo(a)anthracene	21.463	228	631899	21.350	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.386	149	478877	21.465	ng/ul	100
87) Chrysene	21.516	228	599018	21.372	ng/ul	98
89) Di-n-octyl phthalate	22.310	149	846447	20.996	ng/ul	100
90) Benzo(b)fluoranthene	23.145	252	670569	21.587	ng/ul	99
91) Benzo(k)fluoranthene	23.192	252	630772	21.392	ng/ul	97
93) Benzo(a)pyrene	23.769	252	576157	21.882	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.386	276	681223	22.749	ng/ul	99
95) Dibenzo(a,h)anthracene	26.398	278	625325	23.299	ng/ul	97
96) Benzo(g,h,i)perylene	27.157	276	586943	22.480	ng/ul	99

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

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