Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041924\
Data File : BN031098.D
Acq On : 21 Apr 2024 07:56
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020371

Quant Time: Apr 21 12:22:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 22:56:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	121553	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	552378	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.281	164	384718	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.028	188	872524	20.000	ng/ul	0.00
79) Chrysene-d12	21.263	240	1053429	20.000	ng/ul	0.00
88) Perylene-d12	24.163	264	1333192	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	21998	8.455	ng/uL	0.00
4) Pyridine-d5	3.552	84	166042	22.160	ng/ul	0.00
7) Phenol-d5	6.805	99	212795	20.753	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	127892	21.438	ng/ul	0.00
11) 2-Chlorophenol-d4	7.164	132	170471	21.352	ng/ul	0.00
15) 4-Methylphenol-d8	8.340	113	174613	20.249	ng/ul	0.00
21) Nitrobenzene-d5	8.787	128	85738	21.603	ng/ul	0.00
24) 2-Nitrophenol-d4	9.505	143	87357	21.175	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	174464	21.445	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	269837	21.224	ng/ul	0.00
46) Dimethylphthalate-d6	13.699	166	566331	21.154	ng/ul	0.00
49) Acenaphthylene-d8	13.969	160	655518	21.608	ng/ul	0.00
54) 4-Nitrophenol-d4	14.493	143	117350	21.001	ng/ul	0.00
60) Fluorene-d10	15.275	176	506730	21.743	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	78747	17.889	ng/ul	0.00
73) Anthracene-d10	17.128	188	835251	22.086	ng/ul	0.00
81) Pyrene-d10	19.428	212	1101200	21.273	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.963	264	1379564	21.821	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.176	88	24547	8.903	ng/uL	99
5) Pyridine	3.570	79	166137	21.973	ng/ul	99
6) Benzaldehyde	6.787	77	124721	24.772	ng/ul	99
8) Phenol	6.834	94	223965	21.186	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.069	93	178687	21.422	ng/ul	98
12) 2-Chlorophenol	7.199	128	181188	21.833	ng/ul	97
13) 2-Methylphenol	8.075	108	167668	20.466	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.158	45	235029	21.612	ng/ul	99
16) Acetophenone	8.452	105	281916	21.100	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.440	70	134016	20.124	ng/ul	100
18) 4-Methylphenol	8.405	108	188453	20.536	ng/ul	94
19) Hexachloroethane	8.699	117	71966	20.899	ng/ul	98
22) Nitrobenzene	8.828	77	207409	22.142	ng/ul	98
23) Isophorone	9.352	82	390060	20.405	ng/ul	98
25) 2-Nitrophenol	9.534	139	99860	21.878	ng/ul	96
26) 2,4-Dimethylphenol	9.599	107	196212	21.079	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.834	93	248439	21.397	ng/ul	99
29) 2,4-Dichlorophenol	10.063	162	177202	21.807	ng/ul	99
30) Naphthalene	10.463	128	631495	22.059	ng/ul	99
32) 4-Chloroaniline	10.581	127	266111	21.542	ng/ul	100
33) Hexachlorobutadiene	10.740	225	108507	21.904	ng/ul	98
34) Caprolactam	11.357	113	59723	18.654	ng/ul	99
35) 4-Chloro-3-methylphenol	11.704	107	199578	21.184	ng/ul	99
36) 2-Methylnaphthalene	12.081	142	436696	21.632	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.304	142	435623	21.325	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.452	216	220424	21.896	ng/ul	97
40) Hexachlorocyclopentadiene	12.428	237	95677	17.302	ng/ul	94
41) 2,4,6-Trichlorophenol	12.699	196	142061	21.201	ng/ul	93
42) 2,4,5-Trichlorophenol	12.769	196	156791	21.105	ng/ul	99
43) 1,1'-Biphenyl	13.110	154	583018	22.035	ng/ul	99
44) 2-Chloronaphthalene	13.146	162	457634	21.645	ng/ul	98
45) 2-Nitroaniline	13.363	65	123932	21.233	ng/ul	96
47) Dimethylphthalate	13.746	163	577485	20.909	ng/ul	99
48) 2,6-Dinitrotoluene	13.863	165	109644	21.149	ng/ul	95
50) Acenaphthylene	13.999	152	765229	21.594	ng/ul	99
51) 3-Nitroaniline	14.193	138	129086	21.688	ng/ul	97
52) Acenaphthene	14.346	153	510182	21.717	ng/ul	97
53) 2,4-Dinitrophenol	14.404	184	44751	15.263	ng/ul	97
55) 4-Nitrophenol	14.504	109	93343	20.584	ng/ul	92
56) Dibenzofuran	14.681	168	708329	21.808	ng/ul	98
57) 2,4-Dinitrotoluene	14.651	165	172146	21.853	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.910	232	140500	21.883	ng/ul	92
59) Diethylphthalate	15.116	149	601481	21.176	ng/ul	98
61) Fluorene	15.334	166	581164	21.742	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.334	204	274449	21.557	ng/ul	98
63) 4-Nitroaniline	15.363	138	147388	22.968	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.416	198	91080	19.269	ng/ul	97
67) N-Nitrosodiphenylamine	15.545	169	500322	21.393	ng/ul	98
68) 4-Bromophenyl-phenylether	16.228	248	174826	21.187	ng/ul	94
69) Hexachlorobenzene	16.328	284	202127	21.248	ng/ul	96
70) Atrazine	16.504	200	176417	21.486	ng/ul	98
71) Pentachlorophenol	16.681	266	129895	21.017	ng/ul	100
72) Phenanthrene	17.069	178	999881	21.666	ng/ul	99
74) Anthracene	17.163	178	1027242	21.995	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.069	216	222409	21.732	ng/uL	97
76) Pentachlorobenzene	14.593	250	228812	21.651	ng/uL	99
77) Carbazole	17.439	167	977665	22.917	ng/ul	98
78) Di-n-butylphthalate	18.004	149	1121958	21.576	ng/ul	100
80) Fluoranthene	19.092	202	1272896	20.777	ng/ul	97
82) Pyrene	19.463	202	1367516	21.244	ng/ul	98
83) Butylbenzylphthalate	20.375	149	577272	20.324	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.180	252	467763	21.310	ng/ul	96
85) Benzo(a)anthracene	21.245	228	1548761	21.651	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.175	149	872767	20.465	ng/ul	97
87) Chrysene	21.304	228	1447419	21.316	ng/ul	95
89) Di-n-octyl phthalate	22.275	149	1605645	20.894	ng/ul	100
90) Benzo(b)fluoranthene	23.251	252	1674198	22.319	ng/ul	98
91) Benzo(k)fluoranthene	23.310	252	1741293	23.080	ng/ul	98
93) Benzo(a)pyrene	24.027	252	1669201	22.306	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.415	276	1943016	20.924	ng/ul	97
95) Dibenzo(a,h)anthracene	27.468	278	1593043	20.901	ng/ul	96
96) Benzo(g,h,i)perylene	28.427	276	1537192	20.556	ng/ul	98

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

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