Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061424\
Data File : BN032002.D
Acq On : 14 Jun 2024 15:50
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020291

Quant Time: Jun 14 16:22:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	307458	20.000	ng/ul	0.00
20) Naphthalene-d8	10.434	136	1301561	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.298	164	802182	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.051	188	1502172	20.000	ng/ul	0.00
79) Chrysene-d12	21.286	240	1277865	20.000	ng/ul	0.00
88) Perylene-d12	24.215	264	1541292	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	54313	7.308	ng/uL	0.00
4) Pyridine-d5	3.581	84	373442	17.851	ng/ul	0.00
7) Phenol-d5	6.834	99	483357	18.338	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	275545	17.872	ng/ul	0.00
11) 2-Chlorophenol-d4	7.187	132	385973	19.192	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	387178	18.020	ng/ul	0.00
21) Nitrobenzene-d5	8.810	128	197253	19.821	ng/ul	0.00
24) 2-Nitrophenol-d4	9.528	143	210829	20.509	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	371224	19.343	ng/ul	0.00
31) 4-Chloroaniline-d4	10.581	131	518744	18.205	ng/ul	0.00
46) Dimethylphthalate-d6	13.716	166	1014587	18.155	ng/ul	0.00
49) Acenaphthylene-d8	13.992	160	1239736	19.293	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	186093	16.631	ng/ul	0.00
60) Fluorene-d10	15.298	176	876065	18.527	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	140471	18.604	ng/ul	0.00
73) Anthracene-d10	17.151	188	1240179	19.284	ng/ul	0.00
81) Pyrene-d10	19.451	212	1370749	20.046	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.015	264	1404902	19.089	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	56058	7.050	ng/uL	99
5) Pyridine	3.599	79	364191	17.411	ng/ul	99
6) Benzaldehyde	6.810	77	239147	19.344	ng/ul	98
8) Phenol	6.858	94	487633	18.179	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.087	93	406455	18.325	ng/ul	98
12) 2-Chlorophenol	7.222	128	400024	19.007	ng/ul	100
13) 2-Methylphenol	8.099	108	376797	18.187	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.175	45	468483	18.348	ng/ul	99
16) Acetophenone	8.481	105	606486	18.626	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.463	70	293916	17.419	ng/ul	95
18) 4-Methylphenol	8.428	108	405806	18.069	ng/ul	100
19) Hexachloroethane	8.722	117	170304	19.109	ng/ul	93
22) Nitrobenzene	8.857	77	455536	19.213	ng/ul	98
23) Isophorone	9.375	82	849947	17.475	ng/ul	100
25) 2-Nitrophenol	9.557	139	228620	20.355	ng/ul	97
26) 2,4-Dimethylphenol	9.622	107	414410	18.967	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.857	93	539336	17.792	ng/ul	99
29) 2,4-Dichlorophenol	10.093	162	366925	19.363	ng/ul	97
30) Naphthalene	10.487	128	1313758	19.503	ng/ul	100
32) 4-Chloroaniline	10.604	127	504558	18.238	ng/ul	99
33) Hexachlorobutadiene	10.763	225	234464	20.601	ng/ul	96
34) Caprolactam	11.387	113	116124	15.700	ng/ul	95
35) 4-Chloro-3-methylphenol	11.740	107	403662	18.224	ng/ul	98
36) 2-Methylnaphthalene	12.104	142	862654	18.736	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.328	142	865673	18.738	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.475	216	435046	20.506	ng/ul	98
40) Hexachlorocyclopentadiene	12.445	237	280304	22.925	ng/ul	95
41) 2,4,6-Trichlorophenol	12.728	196	278939	19.371	ng/ul	99
42) 2,4,5-Trichlorophenol	12.798	196	303774	19.413	ng/ul	99
43) 1,1'-Biphenyl	13.128	154	1090641	19.329	ng/ul	98
44) 2-Chloronaphthalene	13.169	162	854016	19.325	ng/ul	98
45) 2-Nitroaniline	13.387	65	237137	18.511	ng/ul	95
47) Dimethylphthalate	13.763	163	1038990	18.179	ng/ul	99
48) 2,6-Dinitrotoluene	13.887	165	211714	18.636	ng/ul	100
50) Acenaphthylene	14.022	152	1404774	19.344	ng/ul	100
51) 3-Nitroaniline	14.216	138	216774	17.846	ng/ul	100
52) Acenaphthene	14.363	153	917092	19.086	ng/ul	99
53) 2,4-Dinitrophenol	14.434	184	90360	15.755	ng/ul	99
55) 4-Nitrophenol	14.539	109	141683	17.069	ng/ul	96
56) Dibenzofuran	14.704	168	1221562	18.712	ng/ul	99
57) 2,4-Dinitrotoluene	14.681	165	292102	17.523	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.934	232	239932	18.331	ng/ul	99
59) Diethylphthalate	15.134	149	1016091	17.229	ng/ul	99
61) Fluorene	15.351	166	988772	18.808	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.351	204	484130	19.013	ng/ul	97
63) 4-Nitroaniline	15.386	138	215891	18.671	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.445	198	156478	19.494	ng/ul	98
67) N-Nitrosodiphenylamine	15.569	169	828718	20.014	ng/ul	97
68) 4-Bromophenyl-phenylether	16.245	248	293140	20.141	ng/ul	94
69) Hexachlorobenzene	16.351	284	330156	20.014	ng/ul	97
70) Atrazine	16.522	200	227663	17.414	ng/ul	98
71) Pentachlorophenol	16.704	266	186121	17.635	ng/ul	94
72) Phenanthrene	17.092	178	1468113	19.185	ng/ul	98
74) Anthracene	17.180	178	1512139	19.502	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.087	216	428466	22.160	ng/uL	98
76) Pentachlorobenzene	14.616	250	405283	21.520	ng/uL	97
77) Carbazole	17.463	167	1357631	20.534	ng/ul	98
78) Di-n-butylphthalate	18.022	149	1705371	18.748	ng/ul	99
80) Fluoranthene	19.116	202	1620244	19.826	ng/ul	97
82) Pyrene	19.480	202	1647011	19.643	ng/ul	97
83) Butylbenzylphthalate	20.386	149	736466	18.597	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.204	252	506351	20.663	ng/ul	95
85) Benzo(a)anthracene	21.269	228	1652456	19.319	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.192	149	1071859	18.567	ng/ul	98
87) Chrysene	21.327	228	1524848	19.086	ng/ul	99
89) Di-n-octyl phthalate	22.304	149	1858652	18.013	ng/ul	100
90) Benzo(b)fluoranthene	23.286	252	1672653	18.156	ng/ul	99
91) Benzo(k)fluoranthene	23.351	252	1656709	18.326	ng/ul	99
93) Benzo(a)pyrene	24.080	252	1622225	18.801	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.509	276	2040043	20.518	ng/ul	97
95) Dibenzo(a,h)anthracene	27.568	278	1678554	20.678	ng/ul	96
96) Benzo(g,h,i)perylene	28.539	276	1662463	21.033	ng/ul	97

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

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