Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091324\
Data File : BN033911.D
Acq On : 14 Sep 2024 00:58
Operator : JU/RC
Sample : SSTDCCC020EC
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020320

Quant Time: Sep 14 01:50:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 01:58:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.493	152	153103	20.000	ng/ul	0.00
20) Naphthalene-d8	10.252	136	612293	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.134	164	372371	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.887	188	780736	20.000	ng/ul	-0.01
79) Chrysene-d12	21.127	240	799284	20.000	ng/ul	0.00
88) Perylene-d12	23.898	264	929158	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	33014	8.799	ng/uL	-0.01
4) Pyridine-d5	3.493	84	222572	19.958	ng/ul	-0.01
7) Phenol-d5	6.681	99	250803	18.458	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.840	67	158828	18.840	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.034	132	211658	19.789	ng/ul	0.00
15) 4-Methylphenol-d8	8.205	113	200123	17.899	ng/ul	0.00
21) Nitrobenzene-d5	8.634	128	96514	19.776	ng/ul	0.00
24) 2-Nitrophenol-d4	9.346	143	100109	19.948	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.881	165	184644	19.536	ng/ul	0.00
31) 4-Chloroaniline-d4	10.393	131	266564	18.630	ng/ul	0.00
46) Dimethylphthalate-d6	13.557	166	531066	19.083	ng/ul	0.00
49) Acenaphthylene-d8	13.822	160	619183	19.778	ng/ul	0.00
54) 4-Nitrophenol-d4	14.357	143	108044	18.918	ng/ul	0.00
60) Fluorene-d10	15.134	176	455710	19.322	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.263	200	81320	17.469	ng/ul	0.00
73) Anthracene-d10	16.986	188	722473	19.683	ng/ul	0.00
81) Pyrene-d10	19.298	212	857242	19.249	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.710	264	960243	20.119	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.140	88	34160	8.631	ng/uL	95
5) Pyridine	3.511	79	230423	20.192	ng/ul	96
6) Benzaldehyde	6.646	77	168409	23.480	ng/ul	99
8) Phenol	6.711	94	262369	18.546	ng/ul	99
10) Bis(2-Chloroethyl)ether	6.934	93	207975	18.915	ng/ul	98
12) 2-Chlorophenol	7.063	128	216944	19.792	ng/ul	99
13) 2-Methylphenol	7.940	108	189527	17.924	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.011	45	305429	18.836	ng/ul	100
16) Acetophenone	8.305	105	311021	17.561	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.299	70	156589	17.854	ng/ul	99
18) 4-Methylphenol	8.263	108	208385	17.708	ng/ul	96
19) Hexachloroethane	8.552	117	92064	19.914	ng/ul	96
22) Nitrobenzene	8.675	77	245513	20.099	ng/ul	98
23) Isophorone	9.199	82	416749	18.501	ng/ul	100
25) 2-Nitrophenol	9.375	139	112585	20.045	ng/ul	99
26) 2,4-Dimethylphenol	9.452	107	225617	19.525	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.687	93	260875	18.822	ng/ul	98
29) 2,4-Dichlorophenol	9.910	162	186734	19.513	ng/ul	99
30) Naphthalene	10.299	128	662005	19.766	ng/ul	100
32) 4-Chloroaniline	10.416	127	259775	18.423	ng/ul	99
33) Hexachlorobutadiene	10.593	225	123827	20.169	ng/ul	99
34) Caprolactam	11.187	113	75302	19.764	ng/ul	98
35) 4-Chloro-3-methylphenol	11.557	107	210010	18.641	ng/ul	99
36) 2-Methylnaphthalene	11.922	142	435925	18.896	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.146	142	434931	18.625	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.299	216	222290	20.678	ng/ul	99
40) Hexachlorocyclopentadiene	12.281	237	127540	19.282	ng/ul	98
41) 2,4,6-Trichlorophenol	12.551	196	142040	19.931	ng/ul	99
42) 2,4,5-Trichlorophenol	12.622	196	156704	20.018	ng/ul	98
43) 1,1'-Biphenyl	12.957	154	553079	19.701	ng/ul	97
44) 2-Chloronaphthalene	12.993	162	438236	20.038	ng/ul	99
45) 2-Nitroaniline	13.210	65	136781	19.354	ng/ul	95
47) Dimethylphthalate	13.604	163	543937	19.178	ng/ul	99
48) 2,6-Dinitrotoluene	13.716	165	108037	19.345	ng/ul	100
50) Acenaphthylene	13.851	152	672835	19.641	ng/ul	99
51) 3-Nitroaniline	14.045	138	121699	19.718	ng/ul	95
52) Acenaphthene	14.198	153	474523	19.402	ng/ul	96
53) 2,4-Dinitrophenol	14.257	184	59702	18.175	ng/ul	94
55) 4-Nitrophenol	14.369	109	96334	19.862	ng/ul	92
56) Dibenzofuran	14.540	168	642546	19.212	ng/ul	98
57) 2,4-Dinitrotoluene	14.510	165	165173	19.618	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.769	232	128941	19.850	ng/ul	98
59) Diethylphthalate	14.987	149	559729	18.886	ng/ul	99
61) Fluorene	15.192	166	530115	19.376	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.198	204	252685	19.055	ng/ul	98
63) 4-Nitroaniline	15.216	138	133762	21.061	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.275	198	91495	17.700	ng/ul#	89
67) N-Nitrosodiphenylamine	15.410	169	456457	19.511	ng/ul	99
68) 4-Bromophenyl-phenylether	16.092	248	150497	18.983	ng/ul	95
69) Hexachlorobenzene	16.198	284	179412	19.497	ng/ul	99
70) Atrazine	16.375	200	166849	19.684	ng/ul	99
71) Pentachlorophenol	16.545	266	135433	22.098	ng/ul	94
72) Phenanthrene	16.934	178	850444	19.755	ng/ul	99
74) Anthracene	17.022	178	867540	19.735	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.916	216	218033	20.066	ng/uL	98
76) Pentachlorobenzene	14.457	250	212851	19.239	ng/uL	96
77) Carbazole	17.298	167	819849	20.264	ng/ul	99
78) Di-n-butylphthalate	17.881	149	953525	18.540	ng/ul	100
80) Fluoranthene	18.957	202	1015520	19.506	ng/ul	98
82) Pyrene	19.328	202	1077125	19.245	ng/ul	97
83) Butylbenzylphthalate	20.257	149	461190	18.375	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.045	252	346104	19.278	ng/ul	98
85) Benzo(a)anthracene	21.110	228	1108918	19.459	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.069	149	687264	18.707	ng/ul	99
87) Chrysene	21.169	228	1044969	19.218	ng/ul	99
89) Di-n-octyl phthalate	22.127	149	1163437	18.818	ng/ul	100
90) Benzo(b)fluoranthene	23.027	252	1104352	19.494	ng/ul	99
91) Benzo(k)fluoranthene	23.086	252	1135544	20.319	ng/ul	99
93) Benzo(a)pyrene	23.768	252	1060417	19.815	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.980	276	1360228	20.514	ng/ul	98
95) Dibenzo(a,h)anthracene	27.039	278	1087281	20.286	ng/ul	97
96) Benzo(g,h,i)perylene	27.933	276	1039869	20.202	ng/ul	96

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

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