Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110221\
Data File : BN017250.D
Acq On : 02 Nov 2021 21:37
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020268

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/03/2021
Supervised By :mohammad ahmed 11/08/2021

Quant Time: Nov 02 22:30:03 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN110221.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 02 15:59:34 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.511	152	234762	20.000	ng/ul	0.00
20) Naphthalene-d8	10.287	136	1185517	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.169	164	795693	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.922	188	1663787	20.000	ng/ul	0.00
79) Chrysene-d12	21.139	240	1701686	20.000	ng/ul	0.00
88) Perylene-d12	23.333	264	1597877	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.034	96	43101	7.256	ng/uL	0.00
4) Pyridine-d5	3.428	84	297570	17.954	ng/ul	0.00
7) Phenol-d5	6.699	99	385531	17.791	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.864	67	234851	18.157	ng/ul	0.00
11) 2-Chlorophenol-d4	7.046	132	317825	18.457	ng/ul	0.00
15) 4-Methylphenol-d8	8.228	113	322042	18.025	ng/ul	0.00
21) Nitrobenzene-d5	8.663	128	159292	17.317	ng/ul	0.00
24) 2-Nitrophenol-d4	9.381	143	177943	17.344	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.916	165	326030	17.674	ng/ul	0.00
31) 4-Chloroaniline-d4	10.434	131	482735	17.462	ng/ul	0.00
46) Dimethylphthalate-d6	13.593	166	997302	16.904	ng/ul	0.00
49) Acenaphthylene-d8	13.857	160	1264921	17.046	ng/ul	0.00
54) 4-Nitrophenol-d4	14.393	143	191400	16.529	ng/ul	0.00
60) Fluorene-d10	15.169	176	867112	17.224	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.298	200	175829	16.521	ng/ul	0.00
73) Anthracene-d10	17.022	188	1388418	17.683	ng/ul	0.00
81) Pyrene-d10	19.328	212	1615326	17.542	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.192	264	1746694	20.234	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.070	88	42152	7.250	ng/uL	95
5) Pyridine	3.446	79	304312	18.024	ng/ul	99
6) Benzaldehyde	6.664	77	202313	18.396	ng/ul	99
8) Phenol	6.722	94	392266	17.866	ng/ul	99
10) Bis(2-Chloroethyl)ether	6.952	93	314656	18.084	ng/ul	100
12) 2-Chlorophenol	7.075	128	326287	18.536	ng/ul	98
13) 2-Methylphenol	7.963	108	301983	17.900	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.052	45	469009	18.203	ng/ul	100
16) Acetophenone	8.334	105	498788	18.560	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.322	70	249141	18.200	ng/ul	100
18) 4-Methylphenol	8.293	108	339825	18.189	ng/ul	100
19) Hexachloroethane	8.575	117	124305	18.077	ng/ul	94
22) Nitrobenzene	8.705	77	355033	17.170	ng/ul	99
23) Isophorone	9.228	82	697741	16.976	ng/ul	98
25) 2-Nitrophenol	9.410	139	191048	17.275	ng/ul	99
26) 2,4-Dimethylphenol	9.487	107	376361	17.341	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.722	93	446851	17.029	ng/ul	99
29) 2,4-Dichlorophenol	9.940	162	322421	17.667	ng/ul	97
30) Naphthalene	10.334	128	1100048	17.267	ng/ul	100
32) 4-Chloroaniline	10.457	127	484231	17.445	ng/ul	100
33) Hexachlorobutadiene	10.622	225	194489	17.449	ng/ul	100
34) Caprolactam	11.204	113	108992m	16.221	ng/ul	
35) 4-Chloro-3-methylphenol	11.599	107	351041	17.152	ng/ul	100
36) 2-Methylnaphthalene	11.963	142	760368	17.202	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.181	142	786149	17.311	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.340	216	391709	17.189	ng/ul	97
40) Hexachlorocyclopentadiene	12.316	237	311451	21.449	ng/ul	100
41) 2,4,6-Trichlorophenol	12.587	196	255529	16.883	ng/ul	99
42) 2,4,5-Trichlorophenol	12.657	196	279047	16.813	ng/ul	93
43) 1,1'-Biphenyl	12.999	154	1024221	17.117	ng/ul	99
44) 2-Chloronaphthalene	13.028	162	778475	16.868	ng/ul	99
45) 2-Nitroaniline	13.251	65	219039	17.055	ng/ul	96
47) Dimethylphthalate	13.640	163	989129	16.836	ng/ul	99
48) 2,6-Dinitrotoluene	13.763	165	197600	17.141	ng/ul	99
50) Acenaphthylene	13.887	152	1315339	17.241	ng/ul	100
51) 3-Nitroaniline	14.087	138	194019	16.016	ng/ul	98
52) Acenaphthene	14.234	153	849123	17.174	ng/ul	100
53) 2,4-Dinitrophenol	14.298	184	136685	18.200	ng/ul	94
55) 4-Nitrophenol	14.410	109	135876	16.894	ng/ul	95
56) Dibenzofuran	14.569	168	1211245	17.265	ng/ul	100
57) 2,4-Dinitrotoluene	14.551	165	294811	17.285	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.804	232	235835	16.731	ng/ul	99
59) Diethylphthalate	15.022	149	994140	16.687	ng/ul	99
61) Fluorene	15.222	166	975537	17.407	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.228	204	474261	17.011	ng/ul	98
63) 4-Nitroaniline	15.257	138	198202	16.444	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.316	198	177356	16.787	ng/ul	99
67) N-Nitrosodiphenylamine	15.445	169	848826	17.238	ng/ul	99
68) 4-Bromophenyl-phenylether	16.128	248	290370	16.874	ng/ul	98
69) Hexachlorobenzene	16.228	284	348204	17.404	ng/ul	98
70) Atrazine	16.410	200	308009	17.039	ng/ul	98
71) Pentachlorophenol	16.575	266	247029	20.078	ng/ul	96
72) Phenanthrene	16.963	178	1582473	17.417	ng/ul	99
74) Anthracene	17.057	178	1579450	17.269	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.957	216	397752	17.065	ng/uL	98
76) Pentachlorobenzene	14.493	250	406158	16.766	ng/uL	97
77) Carbazole	17.334	167	1466029	17.887	ng/ul	99
78) Di-n-butylphthalate	17.916	149	1726750	17.490	ng/ul	100
80) Fluoranthene	18.992	202	1883803	17.374	ng/ul	97
82) Pyrene	19.357	202	1942712	17.493	ng/ul	100
83) Butylbenzylphthalate	20.292	149	799959	17.318	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.069	252	690418	17.628	ng/ul	98
85) Benzo(a)anthracene	21.122	228	1983191	17.773	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.080	149	1256296	17.845	ng/ul	98
87) Chrysene	21.175	228	1927445	17.784	ng/ul	98
89) Di-n-octyl phthalate	21.951	149	2163165	20.545	ng/ul	100
90) Benzo(b)fluoranthene	22.674	252	2164180	20.325	ng/ul	97
91) Benzo(k)fluoranthene	22.722	252	2070878	20.644	ng/ul	98
93) Benzo(a)pyrene	23.239	252	2114837	20.443	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.545	276	2497018	20.478	ng/ul	97
95) Dibenzo(a,h)anthracene	25.563	278	2102218	20.338	ng/ul	98
96) Benzo(g,h,i)perylene	26.215	276	2103957	20.391	ng/ul	97

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

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