Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091224\
Data File : BN033878.D
Acq On : 12 Sep 2024 11:51
Operator : JU/RC
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 12 12:27:36 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

Instrument :
BNA_N
ClientSampleId :
SSTD020316

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/13/2024
Supervised By :mohammad ahmed 09/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.493	152	243624	20.000	ng/ul	0.00
20) Naphthalene-d8	10.252	136	1027457	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.140	164	686567	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.892	188	1506849	20.000	ng/ul	0.00
79) Chrysene-d12	21.139	240	1468647	20.000	ng/ul	0.01
88) Perylene-d12	23.916	264	1723433	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	46767	7.833	ng/uL	0.00
4) Pyridine-d5	3.499	84	350926	19.775	ng/ul	0.00
7) Phenol-d5	6.687	99	417634	19.315	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.846	67	253397	18.889	ng/ul	0.00
11) 2-Chlorophenol-d4	7.034	132	342077	20.099	ng/ul	0.00
15) 4-Methylphenol-d8	8.205	113	335195	18.841	ng/ul	0.00
21) Nitrobenzene-d5	8.634	128	167710	20.479	ng/ul	0.00
24) 2-Nitrophenol-d4	9.346	143	183296	21.766	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.881	165	320674	20.219	ng/ul	0.00
31) 4-Chloroaniline-d4	10.393	131	470071	19.578	ng/ul	0.00
46) Dimethylphthalate-d6	13.563	166	1027144	20.019	ng/ul	0.00
49) Acenaphthylene-d8	13.828	160	1154549	20.002	ng/ul	0.00
54) 4-Nitrophenol-d4	14.363	143	211165	20.054	ng/ul	0.00
60) Fluorene-d10	15.140	176	859491	19.765	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.269	200	181750	20.230	ng/ul	0.00
73) Anthracene-d10	16.992	188	1396568	19.713	ng/ul	0.00
81) Pyrene-d10	19.304	212	1632025	19.944	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.727	264	1762335	19.907	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.146	88	51432	8.167	ng/uL	95
5) Pyridine	3.517	79	362008	19.936	ng/ul	95
6) Benzaldehyde	6.646	77	272121	23.843	ng/ul	97
8) Phenol	6.711	94	427970	19.011	ng/ul	99
10) Bis(2-Chloroethyl)ether	6.934	93	335203	19.159	ng/ul	98
12) 2-Chlorophenol	7.063	128	349146	20.018	ng/ul	99
13) 2-Methylphenol	7.940	108	320600	19.054	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.010	45	498036	19.302	ng/ul	98
16) Acetophenone	8.305	105	539324	19.137	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.299	70	267966	19.201	ng/ul	98
18) 4-Methylphenol	8.269	108	353158	18.860	ng/ul	98
19) Hexachloroethane	8.552	117	147129	20.000	ng/ul	96
22) Nitrobenzene	8.675	77	403242	19.673	ng/ul	97
23) Isophorone	9.205	82	762639	20.176	ng/ul	100
25) 2-Nitrophenol	9.381	139	196491	20.848	ng/ul	99
26) 2,4-Dimethylphenol	9.452	107	384942	19.853	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.687	93	457144	19.656	ng/ul	98
29) 2,4-Dichlorophenol	9.910	162	326052	20.304	ng/ul	97
30) Naphthalene	10.299	128	1122096	19.966	ng/ul	99
32) 4-Chloroaniline	10.416	127	461613	19.509	ng/ul	100
33) Hexachlorobutadiene	10.593	225	207876	20.178	ng/ul	99
34) Caprolactam	11.204	113	119145m	18.635	ng/ul	
35) 4-Chloro-3-methylphenol	11.557	107	375432	19.859	ng/ul	97
36) 2-Methylnaphthalene	11.922	142	760120	19.635	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.146	142	782238	19.962	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.304	216	389607	19.657	ng/ul	98
40) Hexachlorocyclopentadiene	12.287	237	234558	19.233	ng/ul	96
41) 2,4,6-Trichlorophenol	12.551	196	265734	20.223	ng/ul	98
42) 2,4,5-Trichlorophenol	12.622	196	289335	20.046	ng/ul	99
43) 1,1'-Biphenyl	12.963	154	1008890	19.491	ng/ul	98
44) 2-Chloronaphthalene	12.998	162	778314	19.302	ng/ul	98
45) 2-Nitroaniline	13.210	65	260206	19.969	ng/ul	97
47) Dimethylphthalate	13.610	163	1030663	19.709	ng/ul	99
48) 2,6-Dinitrotoluene	13.722	165	207706	20.171	ng/ul	98
50) Acenaphthylene	13.851	152	1252967	19.837	ng/ul	99
51) 3-Nitroaniline	14.051	138	239922	21.084	ng/ul	98
52) Acenaphthene	14.204	153	887351	19.678	ng/ul	99
53) 2,4-Dinitrophenol	14.257	184	132347	21.852	ng/ul	89
55) 4-Nitrophenol	14.381	109	174276	19.488	ng/ul	97
56) Dibenzofuran	14.540	168	1216373	19.726	ng/ul	99
57) 2,4-Dinitrotoluene	14.516	165	327924	21.124	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.775	232	257892	21.533	ng/ul	97
59) Diethylphthalate	14.992	149	1109201	20.298	ng/ul	100
61) Fluorene	15.192	166	994000	19.705	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.198	204	481993	19.713	ng/ul	98
63) 4-Nitroaniline	15.222	138	256417	21.898	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.281	198	197833	19.829	ng/ul	95
67) N-Nitrosodiphenylamine	15.416	169	880559	19.501	ng/ul	99
68) 4-Bromophenyl-phenylether	16.092	248	304087	19.873	ng/ul	98
69) Hexachlorobenzene	16.198	284	347710	19.578	ng/ul	96
70) Atrazine	16.381	200	333803	20.404	ng/ul	99
71) Pentachlorophenol	16.551	266	255079	21.565	ng/ul	100
72) Phenanthrene	16.934	178	1587760	19.110	ng/ul	98
74) Anthracene	17.028	178	1659341	19.558	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.922	216	396806	18.921	ng/uL	99
76) Pentachlorobenzene	14.463	250	409029	19.155	ng/uL	98
77) Carbazole	17.304	167	1551762	19.872	ng/ul	99
78) Di-n-butylphthalate	17.886	149	2066776	20.821	ng/ul	100
80) Fluoranthene	18.963	202	1911974	19.987	ng/ul	99
82) Pyrene	19.333	202	2040768	19.844	ng/ul	95
83) Butylbenzylphthalate	20.263	149	966321	20.953	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.057	252	662436	20.080	ng/ul	99
85) Benzo(a)anthracene	21.116	228	2070417	19.772	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.075	149	1500843	22.233	ng/ul	97
87) Chrysene	21.174	228	1903329	19.050	ng/ul	98
89) Di-n-octyl phthalate	22.139	149	2512811	21.912	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	2019679	19.221	ng/ul	99
91) Benzo(k)fluoranthene	23.104	252	2088681	20.150	ng/ul	100
93) Benzo(a)pyrene	23.786	252	1973117	19.878	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.004	276	2507720	20.390	ng/ul	98
95) Dibenzo(a,h)anthracene	27.057	278	2042165	20.542	ng/ul	97
96) Benzo(g,h,i)perylene	27.968	276	1914103	20.048	ng/ul	96

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

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