Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050324\
Data File : BN031385.D
Acq On : 03 May 2024 11:04
Operator : MA/JU
Sample : SSTD01051
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 03 13:49:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN050324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 13:38:35 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD010232

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
05/04/2024

Supervised By :mohammad ahmed
05/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	155737	20.000	ng/ul	0.00
20) Naphthalene-d8	10.375	136	653926	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.246	164	442252	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.998	188	917473	20.000	ng/ul	0.00
79) Chrysene-d12	21.233	240	808957	20.000	ng/ul	0.00
88) Perylene-d12	24.116	264	824567	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.123	96	14849	4.361	ng/uL	0.00
4) Pyridine-d5	3.528	84	84633	8.759	ng/ul	0.00
7) Phenol-d5	6.775	99	114527	9.142	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.940	67	66974	9.184	ng/ul	0.00
11) 2-Chlorophenol-d4	7.128	132	96996	9.588	ng/ul	0.00
15) 4-Methylphenol-d8	8.305	113	93775	9.028	ng/ul	0.00
21) Nitrobenzene-d5	8.758	128	48218	9.917	ng/ul	0.00
24) 2-Nitrophenol-d4	9.469	143	51634	9.810	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.999	165	98289	10.159	ng/ul	0.00
31) 4-Chloroaniline-d4	10.522	131	142143	10.228	ng/ul	0.00
46) Dimethylphthalate-d6	13.663	166	319279	10.480	ng/ul	0.00
49) Acenaphthylene-d8	13.940	160	345245	9.897	ng/ul	0.00
54) 4-Nitrophenol-d4	14.463	143	53242	9.580	ng/ul	0.00
60) Fluorene-d10	15.245	176	262417	10.162	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.375	200	50328	10.052	ng/ul	0.00
73) Anthracene-d10	17.098	188	400757	10.200	ng/ul	0.00
81) Pyrene-d10	19.404	212	450492	9.262	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.916	264	388501	9.911	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.152	88	15013	4.068	ng/uL	97
5) Pyridine	3.546	79	90803	9.412	ng/ul	98
6) Benzaldehyde	6.752	77	65681	10.748	ng/ul	94
8) Phenol	6.805	94	116938	9.191	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.034	93	95640	9.326	ng/ul	98
12) 2-Chlorophenol	7.164	128	103303	9.807	ng/ul	97
13) 2-Methylphenol	8.040	108	89012	9.002	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.116	45	104900	8.004	ng/ul	98
16) Acetophenone	8.422	105	161360	10.324	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.405	70	77651	9.540	ng/ul	98
18) 4-Methylphenol	8.369	108	98865	9.155	ng/ul	99
19) Hexachloroethane	8.658	117	45959	10.586	ng/ul	94
22) Nitrobenzene	8.793	77	117614	10.301	ng/ul	100
23) Isophorone	9.316	82	223793	10.086	ng/ul	100
25) 2-Nitrophenol	9.505	139	58440	10.259	ng/ul	95
26) 2,4-Dimethylphenol	9.563	107	112694	10.372	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.805	93	132326	9.612	ng/ul	100
29) 2,4-Dichlorophenol	10.028	162	96270	10.052	ng/ul	96
30) Naphthalene	10.428	128	346817	10.471	ng/ul	97
32) 4-Chloroaniline	10.546	127	136445	10.211	ng/ul	100
33) Hexachlorobutadiene	10.705	225	66417	11.312	ng/ul	98
34) Caprolactam	11.328	113	31934m	9.384	ng/ul	
35) 4-Chloro-3-methylphenol	11.675	107	113630	10.263	ng/ul	99
36) 2-Methylnaphthalene	12.046	142	235816	10.294	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.269	142	237740	10.269	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.416	216	121460	10.245	ng/ul	99
40) Hexachlorocyclopentadiene	12.393	237	66767	9.961	ng/ul	94
41) 2,4,6-Trichlorophenol	12.669	196	79757	9.850	ng/ul	97
42) 2,4,5-Trichlorophenol	12.740	196	86470	9.782	ng/ul	100
43) 1,1'-Biphenyl	13.075	154	307413	9.961	ng/ul	99
44) 2-Chloronaphthalene	13.116	162	251139	10.283	ng/ul	99
45) 2-Nitroaniline	13.334	65	67308	9.695	ng/ul	98
47) Dimethylphthalate	13.710	163	325957	10.432	ng/ul	99
48) 2,6-Dinitrotoluene	13.834	165	63464	10.374	ng/ul	98
50) Acenaphthylene	13.969	152	403002	10.144	ng/ul	99
51) 3-Nitroaniline	14.169	138	62084	9.625	ng/ul	97
52) Acenaphthene	14.310	153	272072	10.304	ng/ul	99
53) 2,4-Dinitrophenol	14.375	184	31184	8.737	ng/ul	95
55) 4-Nitrophenol	14.481	109	56585	11.901	ng/ul	98
56) Dibenzofuran	14.651	168	364428	10.205	ng/ul	98
57) 2,4-Dinitrotoluene	14.628	165	92802	10.339	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.875	232	74402	10.025	ng/ul	97
59) Diethylphthalate	15.081	149	339352	10.700	ng/ul	98
61) Fluorene	15.298	166	304758	10.569	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.298	204	154619	11.055	ng/ul	99
63) 4-Nitroaniline	15.334	138	61154	10.390	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.387	198	53573	10.048	ng/ul	92
67) N-Nitrosodiphenylamine	15.516	169	261314	10.402	ng/ul	99
68) 4-Bromophenyl-phenylether	16.192	248	89742	10.051	ng/ul#	81
69) Hexachlorobenzene	16.298	284	110816	10.700	ng/ul	96
70) Atrazine	16.475	200	95519	11.674	ng/ul	96
71) Pentachlorophenol	16.651	266	66968	10.582	ng/ul	98
72) Phenanthrene	17.039	178	477535	10.138	ng/ul	99
74) Anthracene	17.134	178	496722	10.581	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.034	216	117929	9.855	ng/uL	98
76) Pentachlorobenzene	14.563	250	121989	10.372	ng/uL	97
77) Carbazole	17.410	167	433415	10.580	ng/ul	99
78) Di-n-butylphthalate	17.975	149	584289	10.797	ng/ul	100
80) Fluoranthene	19.069	202	560659	9.600	ng/ul	99
82) Pyrene	19.433	202	579621	9.675	ng/ul	99
83) Butylbenzylphthalate	20.345	149	251322	9.864	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.157	252	144182	9.733	ng/ul	98
85) Benzo(a)anthracene	21.216	228	547545	10.140	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.151	149	354302	10.354	ng/ul	98
87) Chrysene	21.275	228	520988	10.319	ng/ul	98
89) Di-n-octyl phthalate	22.239	149	555821	8.817	ng/ul	100
90) Benzo(b)fluoranthene	23.204	252	498129	9.784	ng/ul	98
91) Benzo(k)fluoranthene	23.263	252	491957	9.783	ng/ul	97
93) Benzo(a)pyrene	23.974	252	450846	9.904	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.327	276	532029	10.399	ng/ul	96
95) Dibenzo(a,h)anthracene	27.386	278	443729	10.399	ng/ul	99
96) Benzo(g,h,i)perylene	28.327	276	427830m	10.426	ng/ul	

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

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