Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112122\
Data File : BN022836.D
Acq On : 22 Nov 2022 22:12
Operator : CG/JU
Sample : N5592-22MS
Misc :
ALS Vial : 58 Sample Multiplier: 1

Quant Time: Nov 22 23:22:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 22 05:15:51 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
H0AE1MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay
11/23/2022
Supervised By :mohammad ahmed
11/25/2022
Supervised By :mohammad ahmed
11/25/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	70209	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	344969	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.516	164	218995	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.269	188	444518	20.000	ng/ul	0.00
79) Chrysene-d12	21.475	240	435871	20.000	ng/ul	0.00
88) Perylene-d12	23.869	264	416869	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	8347	4.059	ng/uL	0.00
4) Pyridine-d5	3.617	84	55071	9.470	ng/ul	0.00
7) Phenol-d5	7.016	99	50403	7.601	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	136876	34.427	ng/ul	0.00
11) 2-Chlorophenol-d4	7.369	132	124179	25.571	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	94262	18.006	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	85994	32.205	ng/ul	0.00
24) 2-Nitrophenol-d4	9.746	143	91390	30.674	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	151052	29.739	ng/ul	0.00
31) 4-Chloroaniline-d4	10.810	131	220985	28.563	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	597802	37.530	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	649039	36.980	ng/ul	0.00
54) 4-Nitrophenol-d4	14.740	143	26729	8.417	ng/ul	0.00
60) Fluorene-d10	15.510	176	488983	37.429	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	98819	34.975	ng/ul	0.00
73) Anthracene-d10	17.375	188	771340	39.628	ng/ul	0.00
81) Pyrene-d10	19.675	212	841029	37.233	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.710	264	807203	38.520	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	9006	4.115	ng/uL	96
5) Pyridine	3.634	79	56813	9.853	ng/ul	90
6) Benzaldehyde	6.987	77	128911m	38.425	ng/ul	
8) Phenol	7.040	94	50811	7.357	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.275	93	162207	30.141	ng/ul	98
12) 2-Chlorophenol	7.405	128	121698	23.469	ng/ul	97
13) 2-Methylphenol	8.305	108	97062	18.881	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.387	45	233915	32.928	ng/ul	97
16) Acetophenone	8.687	105	272210	32.579	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.669	70	151820	34.093	ng/ul	98
18) 4-Methylphenol	8.634	108	95617	17.130	ng/ul	99
19) Hexachloroethane	8.922	117	60025	27.341	ng/ul	98
22) Nitrobenzene	9.069	77	216595	29.940	ng/ul	98
23) Isophorone	9.599	82	431434	31.178	ng/ul	99
25) 2-Nitrophenol	9.781	139	92372	28.200	ng/ul	94
26) 2,4-Dimethylphenol	9.840	107	145351	20.686	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.081	93	242024	30.329	ng/ul	99
29) 2,4-Dichlorophenol	10.316	162	141785	27.464	ng/ul	98
30) Naphthalene	10.710	128	534653	29.200	ng/ul	99
32) 4-Chloroaniline	10.840	127	212212	26.264	ng/ul	96
33) Hexachlorobutadiene	10.987	225	89971	28.314	ng/ul	97
34) Caprolactam	11.640	113	8625m	4.404	ng/ul	
35) 4-Chloro-3-methylphenol	11.963	107	185856	27.604	ng/ul	95
36) 2-Methylnaphthalene	12.334	142	383200	30.721	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.551	142	392968	31.428	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.699	216	186722	31.766	ng/ul	99
40) Hexachlorocyclopentadiene	12.669	237	78951	23.005	ng/ul	100
41) 2,4,6-Trichlorophenol	12.951	196	132271	31.693	ng/ul	96
42) 2,4,5-Trichlorophenol	13.016	196	142794	32.310	ng/ul	96
43) 1,1'-Biphenyl	13.351	154	524816	32.649	ng/ul	99
44) 2-Chloronaphthalene	13.393	162	400907	32.007	ng/ul	97
45) 2-Nitroaniline	13.610	65	166496	36.602	ng/ul	96
47) Dimethylphthalate	13.981	163	566209	33.820	ng/ul	99
48) 2,6-Dinitrotoluene	14.110	165	122069	36.019	ng/ul	99
50) Acenaphthylene	14.240	152	653001	33.305	ng/ul	100
51) 3-Nitroaniline	14.440	138	118298	32.419	ng/ul	99
52) Acenaphthene	14.581	153	475252	34.164	ng/ul	99
53) 2,4-Dinitrophenol	14.651	184	66611	28.125	ng/ul	97
55) 4-Nitrophenol	14.751	109	24986	7.938	ng/ul	97
56) Dibenzofuran	14.916	168	630390	34.297	ng/ul	97
57) 2,4-Dinitrotoluene	14.898	165	175707	35.602	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.145	232	124553	32.906	ng/ul	100
59) Diethylphthalate	15.345	149	622077	35.056	ng/ul	99
61) Fluorene	15.569	166	538971	35.113	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.563	204	254187	35.131	ng/ul	94
63) 4-Nitroaniline	15.610	138	118740	36.488	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.663	198	94248	32.271	ng/ul	96
67) N-Nitrosodiphenylamine	15.781	169	464161	34.876	ng/ul	98
68) 4-Bromophenyl-phenylether	16.457	248	154479	35.290	ng/ul	97
69) Hexachlorobenzene	16.569	284	177707	34.729	ng/ul	95
70) Atrazine	16.739	200	163972	34.564	ng/ul	96
71) Pentachlorophenol	16.922	266	104743	32.218	ng/ul	95
72) Phenanthrene	17.316	178	842465	35.162	ng/ul	97
74) Anthracene	17.404	178	851700	35.095	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.310	216	189850	32.387	ng/uL	98
76) Pentachlorobenzene	14.834	250	198986	31.452	ng/uL	93
77) Carbazole	17.686	167	800198	35.487	ng/ul	97
78) Di-n-butylphthalate	18.245	149	1105533	34.449	ng/ul	99
80) Fluoranthene	19.339	202	978786	34.719	ng/ul	99
82) Pyrene	19.704	202	1005587	34.821	ng/ul	99
83) Butylbenzylphthalate	20.604	149	524399	35.673	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.398	252	326201	33.918	ng/ul	98
85) Benzo(a)anthracene	21.457	228	972605	33.791	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.380	149	788818	36.356	ng/ul	99
87) Chrysene	21.510	228	926065	33.975	ng/ul	98
89) Di-n-octyl phthalate	22.298	149	1335137	36.417	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	957523	33.894	ng/ul	99
91) Benzo(k)fluoranthene	23.186	252	968216	36.106	ng/ul	98
93) Benzo(a)pyrene	23.763	252	821683	34.314	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.374	276	940300	34.527	ng/ul	97
95) Dibenzo(a,h)anthracene	26.386	278	840566	34.437	ng/ul	99
96) Benzo(g,h,i)perylene	27.139	276	800777m	33.724	ng/ul	

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

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