Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020724\
Data File : BN029569.D
Acq On : 08 Feb 2024 06:07
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020295

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/08/2024
Supervised By :mohammad ahmed 02/09/2024

Quant Time: Feb 08 06:49:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 08 00:25:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	250344	20.000	ng/ul	0.00
20) Naphthalene-d8	10.681	136	1046023	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.528	164	537316	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.281	188	1023166	20.000	ng/ul	0.00
79) Chrysene-d12	21.474	240	817905	20.000	ng/ul	0.00
88) Perylene-d12	23.851	264	872947	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	56397	7.410	ng/uL	0.00
4) Pyridine-d5	3.734	84	375005	18.475	ng/ul	0.00
7) Phenol-d5	7.046	99	434024	18.535	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	290114	18.564	ng/ul	0.00
11) 2-Chlorophenol-d4	7.410	132	333170	19.635	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	329911	18.892	ng/ul	0.00
21) Nitrobenzene-d5	9.052	128	159368	19.630	ng/ul	0.00
24) 2-Nitrophenol-d4	9.769	143	143966	20.361	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	272510	19.526	ng/ul	0.00
31) 4-Chloroaniline-d4	10.828	131	436466	18.332	ng/ul	0.00
46) Dimethylphthalate-d6	13.945	166	753006	18.823	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	908732	19.128	ng/ul	0.00
54) 4-Nitrophenol-d4	14.728	143	130020	17.124	ng/ul	0.00
60) Fluorene-d10	15.522	176	635075	18.661	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	82627	16.574	ng/ul	0.00
73) Anthracene-d10	17.375	188	898790	18.744	ng/ul	0.00
81) Pyrene-d10	19.675	212	928339	18.914	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.698	264	850308	19.466	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	56113	7.118	ng/uL	94
5) Pyridine	3.758	79	390589	18.600	ng/ul	95
6) Benzaldehyde	7.028	77	256415	24.429	ng/ul	97
8) Phenol	7.075	94	450940	18.790	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.322	93	377286	18.696	ng/ul	98
12) 2-Chlorophenol	7.446	128	352493	19.800	ng/ul	99
13) 2-Methylphenol	8.328	108	325909	18.819	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.410	45	505565	19.182	ng/ul	99
16) Acetophenone	8.716	105	533431	19.192	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.699	70	288051	20.074	ng/ul	97
18) 4-Methylphenol	8.657	108	346281	18.923	ng/ul	96
19) Hexachloroethane	8.952	117	155193	18.785	ng/ul	96
22) Nitrobenzene	9.093	77	431248	18.748	ng/ul	100
23) Isophorone	9.616	82	763815	19.063	ng/ul	99
25) 2-Nitrophenol	9.799	139	162908	20.176	ng/ul	99
26) 2,4-Dimethylphenol	9.863	107	367401	18.986	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.110	93	476779	18.724	ng/ul	99
29) 2,4-Dichlorophenol	10.328	162	277208	19.222	ng/ul	99
30) Naphthalene	10.734	128	1112815	18.612	ng/ul	99
32) 4-Chloroaniline	10.851	127	430796	18.329	ng/ul	99
33) Hexachlorobutadiene	11.010	225	167099	18.775	ng/ul	96
34) Caprolactam	11.622	113	81800m	17.046	ng/ul	
35) 4-Chloro-3-methylphenol	11.975	107	317564	19.065	ng/ul	99
36) 2-Methylnaphthalene	12.345	142	689723	18.819	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.569	142	677020	18.632	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.710	216	299145	18.782	ng/ul	98
40) Hexachlorocyclopentadiene	12.687	237	181799	17.463	ng/ul	99
41) 2,4,6-Trichlorophenol	12.957	196	181997	19.825	ng/ul	99
42) 2,4,5-Trichlorophenol	13.028	196	201454	19.530	ng/ul	99
43) 1,1'-Biphenyl	13.363	154	847079	18.693	ng/ul	99
44) 2-Chloronaphthalene	13.404	162	655194	18.604	ng/ul	98
45) 2-Nitroaniline	13.616	65	200683	19.382	ng/ul	96
47) Dimethylphthalate	13.998	163	772613	18.867	ng/ul	98
48) 2,6-Dinitrotoluene	14.116	165	140582	19.185	ng/ul	91
50) Acenaphthylene	14.245	152	1073305	18.825	ng/ul	100
51) 3-Nitroaniline	14.445	138	153106	17.953	ng/ul	99
52) Acenaphthene	14.592	153	706428	18.757	ng/ul	91
53) 2,4-Dinitrophenol	14.651	184	55088	14.814	ng/ul	97
55) 4-Nitrophenol	14.745	109	117269	16.891	ng/ul	97
56) Dibenzofuran	14.928	168	897594	18.048	ng/ul	96
57) 2,4-Dinitrotoluene	14.904	165	198835	19.274	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.151	232	144628	19.756	ng/ul	97
59) Diethylphthalate	15.363	149	782750	18.609	ng/ul	99
61) Fluorene	15.575	166	742062	18.876	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.581	204	332184	18.892	ng/ul	96
63) 4-Nitroaniline	15.604	138	152311	19.788	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.657	198	90899	16.538	ng/ul	100
67) N-Nitrosodiphenylamine	15.792	169	606263	19.015	ng/ul	99
68) 4-Bromophenyl-phenylether	16.475	248	178051	18.385	ng/ul	92
69) Hexachlorobenzene	16.569	284	203259	18.621	ng/ul	98
70) Atrazine	16.751	200	185162	18.588	ng/ul	98
71) Pentachlorophenol	16.922	266	113776	17.948	ng/ul	94
72) Phenanthrene	17.322	178	1095035	18.502	ng/ul	99
74) Anthracene	17.410	178	1112929	18.737	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.316	216	287803	19.169	ng/uL	97
76) Pentachlorobenzene	14.839	250	260246	19.358	ng/uL	98
77) Carbazole	17.686	167	987786	18.207	ng/ul	99
78) Di-n-butylphthalate	18.263	149	1260184	19.316	ng/ul	100
80) Fluoranthene	19.339	202	1153737	19.350	ng/ul	99
82) Pyrene	19.704	202	1228645	19.479	ng/ul	98
83) Butylbenzylphthalate	20.627	149	514734	20.024	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.398	252	300514	18.969	ng/ul	97
85) Benzo(a)anthracene	21.463	228	1128416	18.781	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.410	149	788308	19.825	ng/ul	99
87) Chrysene	21.516	228	1040190	18.473	ng/ul	97
89) Di-n-octyl phthalate	22.339	149	1272456	18.805	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	1050109	19.098	ng/ul	97
91) Benzo(k)fluoranthene	23.174	252	1064287	18.911	ng/ul	98
93) Benzo(a)pyrene	23.745	252	1017562	19.298	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	26.309	276	1210563	18.853	ng/ul	96
95) Dibenzo(a,h)anthracene	26.333	278	986543	18.820	ng/ul	97
96) Benzo(g,h,i)perylene	27.062	276	980906	18.265	ng/ul	97

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

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