Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020623\
Data File : BN023949.D
Acq On : 06 Feb 2023 12:54
Operator : CG/JU
Sample : SSTD02067
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 06 13:45:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020623.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 06 13:43:15 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD020233

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2023
Supervised By :mohammad ahmed 02/07/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	148587	20.000	ng/ul	0.00
20) Naphthalene-d8	10.651	136	628311	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	404026	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.245	188	875581	20.000	ng/ul	0.00
79) Chrysene-d12	21.439	240	723737	20.000	ng/ul	0.00
88) Perylene-d12	23.833	264	711494	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	28605	7.770	ng/uL	0.00
4) Pyridine-d5	3.652	84	204294	19.861	ng/ul	0.00
7) Phenol-d5	7.010	99	252284	19.443	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	164081	20.009	ng/ul	0.00
11) 2-Chlorophenol-d4	7.369	132	200808	19.793	ng/ul	0.00
15) 4-Methylphenol-d8	8.563	113	202125	19.637	ng/ul	0.00
21) Nitrobenzene-d5	9.010	128	99910	19.599	ng/ul	0.00
24) 2-Nitrophenol-d4	9.734	143	114270	19.701	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	211459	19.524	ng/ul	0.00
31) 4-Chloroaniline-d4	10.793	131	288700	19.539	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	632124	19.597	ng/ul	0.00
49) Acenaphthylene-d8	14.186	160	696391	19.958	ng/ul	0.00
54) 4-Nitrophenol-d4	14.704	143	109243	18.680	ng/ul	0.00
60) Fluorene-d10	15.486	176	531393	19.651	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.616	200	113655	18.344	ng/ul	0.00
73) Anthracene-d10	17.339	188	803378	19.708	ng/ul	0.00
81) Pyrene-d10	19.639	212	892878	20.320	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.674	264	730089	19.771	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.264	88	30352	8.004	ng/uL	100
5) Pyridine	3.675	79	205332	19.866	ng/ul	100
6) Benzaldehyde	6.981	77	119015	21.094	ng/ul	100
8) Phenol	7.040	94	255991	19.625	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.269	93	210856	19.841	ng/ul	100
12) 2-Chlorophenol	7.399	128	204919	19.960	ng/ul	100
13) 2-Methylphenol	8.293	108	193300	19.531	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.381	45	269011	19.823	ng/ul	100
16) Acetophenone	8.669	105	324479	20.355	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.657	70	175623	20.068	ng/ul	100
18) 4-Methylphenol	8.622	108	212531	19.825	ng/ul	100
19) Hexachloroethane	8.916	117	85189	19.812	ng/ul	100
22) Nitrobenzene	9.051	77	252475	19.728	ng/ul	100
23) Isophorone	9.581	82	478397	19.806	ng/ul	100
25) 2-Nitrophenol	9.763	139	117443	19.498	ng/ul	100
26) 2,4-Dimethylphenol	9.828	107	239543	20.082	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.069	93	294460	19.954	ng/ul	100
29) 2,4-Dichlorophenol	10.298	162	203389	19.461	ng/ul	100
30) Naphthalene	10.698	128	668234	19.638	ng/ul	100
32) 4-Chloroaniline	10.816	127	289586	19.693	ng/ul	100
33) Hexachlorobutadiene	10.981	225	145919	19.925	ng/ul	100
34) Caprolactam	11.598	113	60079m	18.396	ng/ul	
35) 4-Chloro-3-methylphenol	11.945	107	221432	19.766	ng/ul	100
36) 2-Methylnaphthalene	12.310	142	458893	19.848	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.534	142	468179	19.793	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.681	216	279693	20.148	ng/ul	100
40) Hexachlorocyclopentadiene	12.657	237	187234	18.734	ng/ul	100
41) 2,4,6-Trichlorophenol	12.928	196	177986	19.432	ng/ul	100
42) 2,4,5-Trichlorophenol	12.998	196	192273	19.380	ng/ul	100
43) 1,1'-Biphenyl	13.328	154	637084	20.010	ng/ul	100
44) 2-Chloronaphthalene	13.369	162	491405	19.836	ng/ul	100
45) 2-Nitroaniline	13.581	65	145262	19.529	ng/ul	100
47) Dimethylphthalate	13.957	163	631005	19.711	ng/ul	100
48) 2,6-Dinitrotoluene	14.081	165	124407	19.602	ng/ul	100
50) Acenaphthylene	14.216	152	742967	19.824	ng/ul	100
51) 3-Nitroaniline	14.410	138	108970	19.073	ng/ul	100
52) Acenaphthene	14.557	153	511831	19.674	ng/ul	100
53) 2,4-Dinitrophenol	14.616	184	76787	17.210	ng/ul	100
55) 4-Nitrophenol	14.722	109	97050	19.521	ng/ul	100
56) Dibenzofuran	14.892	168	726926	19.587	ng/ul	100
57) 2,4-Dinitrotoluene	14.869	165	172324	19.191	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.122	232	172852	19.536	ng/ul	100
59) Diethylphthalate	15.322	149	616646	19.386	ng/ul	100
61) Fluorene	15.545	166	598111	19.706	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.539	204	313584	19.694	ng/ul	100
63) 4-Nitroaniline	15.575	138	93960	18.120	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.628	198	111820	18.745	ng/ul	100
67) N-Nitrosodiphenylamine	15.757	169	497643	19.684	ng/ul	100
68) 4-Bromophenyl-phenylether	16.433	248	202106	19.709	ng/ul	100
69) Hexachlorobenzene	16.545	284	236031	19.923	ng/ul	100
70) Atrazine	16.710	200	190306	18.734	ng/ul	100
71) Pentachlorophenol	16.892	266	145686	19.206	ng/ul	100
72) Phenanthrene	17.286	178	897264	19.027	ng/ul	100
74) Anthracene	17.375	178	932360	19.837	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.292	216	271298	20.140	ng/uL	100
76) Pentachlorobenzene	14.810	250	271513	20.211	ng/uL	100
77) Carbazole	17.651	167	808536	19.631	ng/ul	100
78) Di-n-butylphthalate	18.216	149	1131718	12.820	ng/ul	100
80) Fluoranthene	19.304	202	1071211	20.883	ng/ul	100
82) Pyrene	19.669	202	1068729	20.483	ng/ul	100
83) Butylbenzylphthalate	20.574	149	411078	18.891	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.363	252	339236	19.957	ng/ul	100
85) Benzo(a)anthracene	21.421	228	1005746	20.053	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.351	149	599418	18.672	ng/ul	100
87) Chrysene	21.474	228	897650	19.397	ng/ul	100
89) Di-n-octyl phthalate	22.274	149	973178	18.184	ng/ul	100
90) Benzo(b)fluoranthene	23.104	252	930956	18.972	ng/ul	100
91) Benzo(k)fluoranthene	23.151	252	897590	19.371	ng/ul	100
93) Benzo(a)pyrene	23.727	252	796356	19.290	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.309	276	1038344	20.844	ng/ul	100
95) Dibenzo(a,h)anthracene	26.327	278	859126	20.852	ng/ul	100
96) Benzo(g,h,i)perylene	27.068	276	844254	21.523	ng/ul	100

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

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