Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111423\
Data File : BN028631.D
Acq On : 15 Nov 2023 14:44
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 15 15:58:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 14 04:50:19 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD020287

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/16/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	247372	20.000	ng/ul	0.00
20) Naphthalene-d8	10.481	136	1356744	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.339	164	868916	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.086	188	1684257	20.000	ng/ul	-0.01
79) Chrysene-d12	21.304	240	1265872	20.000	ng/ul	0.00
88) Perylene-d12	23.598	264	1311580	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	65221	9.440	ng/uL	0.00
4) Pyridine-d5	3.558	84	344715	22.760	ng/ul	0.00
7) Phenol-d5	6.869	99	494116	20.909	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.034	67	304511	20.833	ng/ul	0.00
11) 2-Chlorophenol-d4	7.222	132	447995	21.692	ng/ul	-0.01
15) 4-Methylphenol-d8	8.410	113	438785	22.548	ng/ul	-0.02
21) Nitrobenzene-d5	8.857	128	222027	18.226	ng/ul	0.00
24) 2-Nitrophenol-d4	9.575	143	219548	17.217	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.110	165	439003	20.248	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.634	131	625093	19.024	ng/ul	-0.01
46) Dimethylphthalate-d6	13.763	166	1542317	19.686	ng/ul	0.00
49) Acenaphthylene-d8	14.028	160	1765761	19.554	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.569	143	145978	17.582	ng/ul	-0.02
60) Fluorene-d10	15.334	176	1236958	19.150	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.463	200	196091	20.959	ng/ul	0.00
73) Anthracene-d10	17.186	188	1800614	19.152	ng/ul	-0.01
81) Pyrene-d10	19.492	212	1900448	19.794	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.457	264	1541015	18.768	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	72936	9.885	ng/uL	97
5) Pyridine	3.575	79	356868	22.788	ng/ul	96
6) Benzaldehyde	6.840	77	272270m	24.434	ng/ul	
8) Phenol	6.899	94	483591	20.569	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.122	93	397962	19.944	ng/ul	96
12) 2-Chlorophenol	7.252	128	455211	22.153	ng/ul	98
13) 2-Methylphenol	8.146	108	392606	20.840	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.216	45	796171	25.845	ng/ul	99
16) Acetophenone	8.516	105	691951	21.626	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.505	70	397656	23.830	ng/ul	98
18) 4-Methylphenol	8.475	108	431761	21.343	ng/ul	95
19) Hexachloroethane	8.757	117	214923	22.771	ng/ul	99
22) Nitrobenzene	8.893	77	472776	18.134	ng/ul	99
23) Isophorone	9.416	82	1197361	20.596	ng/ul	100
25) 2-Nitrophenol	9.604	139	229010	17.075	ng/ul	99
26) 2,4-Dimethylphenol	9.669	107	479003	18.227	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.910	93	623110	18.560	ng/ul	97
29) 2,4-Dichlorophenol	10.134	162	425352	19.827	ng/ul	99
30) Naphthalene	10.528	128	1734544	19.966	ng/ul	98
32) 4-Chloroaniline	10.657	127	552165	17.924	ng/ul	96
33) Hexachlorobutadiene	10.816	225	302867	18.840	ng/ul	99
34) Caprolactam	11.422	113	129322m	17.813	ng/ul	
35) 4-Chloro-3-methylphenol	11.787	107	467124	19.964	ng/ul	99
36) 2-Methylnaphthalene	12.151	142	1103649	19.187	ng/ul	95

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37) 1-Methylnaphthalene	12.369	142	1174627	19.767	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.522	216	586737	19.875	ng/ul	96
40) Hexachlorocyclopentadiene	12.498	237	345864	23.266	ng/ul	100
41) 2,4,6-Trichlorophenol	12.769	196	352254	20.356	ng/ul	97
42) 2,4,5-Trichlorophenol	12.845	196	394924m	19.103	ng/ul	
43) 1,1'-Biphenyl	13.175	154	1487314	19.420	ng/ul	98
44) 2-Chloronaphthalene	13.210	162	1188564	19.452	ng/ul	96
45) 2-Nitroaniline	13.434	65	268674	17.215	ng/ul	98
47) Dimethylphthalate	13.810	163	1520761	19.579	ng/ul	99
48) 2,6-Dinitrotoluene	13.928	165	295000	19.234	ng/ul	99
50) Acenaphthylene	14.057	152	2032735	19.983	ng/ul	100
51) 3-Nitroaniline	14.269	138	182914	12.166	ng/ul	97
52) Acenaphthene	14.404	153	1329535	19.861	ng/ul	97
53) 2,4-Dinitrophenol	14.475	184	62424	16.611	ng/ul#	82
55) 4-Nitrophenol	14.581	109	92211	16.980	ng/ul	97
56) Dibenzofuran	14.739	168	1751886	19.614	ng/ul	97
57) 2,4-Dinitrotoluene	14.716	165	388765	18.439	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.975	232	325797	19.578	ng/ul	98
59) Diethylphthalate	15.175	149	1561865	19.665	ng/ul	98
61) Fluorene	15.392	166	1426188	19.157	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.392	204	700153	19.434	ng/ul	97
63) 4-Nitroaniline	15.439	138	194692m	13.524	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.475	198	205166	20.988	ng/ul	99
67) N-Nitrosodiphenylamine	15.610	169	1148445	19.778	ng/ul	98
68) 4-Bromophenyl-phenylether	16.286	248	394287	19.595	ng/ul	89
69) Hexachlorobenzene	16.392	284	467614	19.788	ng/ul	99
70) Atrazine	16.569	200	373454	20.999	ng/ul	97
71) Pentachlorophenol	16.739	266	255233	21.534	ng/ul	97
72) Phenanthrene	17.133	178	2107606	19.967	ng/ul	99
74) Anthracene	17.222	178	2134782	19.364	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.134	216	606811	21.055	ng/uL	98
76) Pentachlorobenzene	14.657	250	571278	20.228	ng/uL	92
77) Carbazole	17.504	167	1652499	18.298	ng/ul	98
78) Di-n-butylphthalate	18.075	149	2354501	19.515	ng/ul	99
80) Fluoranthene	19.157	202	2255009	20.075	ng/ul	100
82) Pyrene	19.522	202	2274753	19.635	ng/ul#	95
83) Butylbenzylphthalate	20.445	149	918534	18.987	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.233	252	485820	16.851	ng/ul	96
85) Benzo(a)anthracene	21.292	228	1932432	19.365	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.233	149	1294589	19.035	ng/ul	99
87) Chrysene	21.339	228	1952463	18.916	ng/ul	98
89) Di-n-octyl phthalate	22.133	149	2127067	18.794	ng/ul	100
90) Benzo(b)fluoranthene	22.904	252	1773392	18.697	ng/ul	99
91) Benzo(k)fluoranthene	22.957	252	1959073	18.411	ng/ul	98
93) Benzo(a)pyrene	23.504	252	1807071	19.146	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.962	276	2149618	19.488	ng/ul	99
95) Dibenzo(a,h)anthracene	25.980	278	1789964	19.684	ng/ul	100
96) Benzo(g,h,i)perylene	26.686	276	1780570	20.457	ng/ul	96

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

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