Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112221\
Data File : BN017541.D
Acq On : 22 Nov 2021 11:38
Operator : CG/JU
Sample : SSTD02047
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 22 14:52:03 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN112221.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 22 14:49:39 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD020247

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	321763	20.000	ng/ul	0.00
20) Naphthalene-d8	10.639	136	1428035	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.480	164	914764	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.221	188	1872243	20.000	ng/ul	0.00
79) Chrysene-d12	21.409	240	1569437	20.000	ng/ul	0.00
88) Perylene-d12	23.774	264	1365993	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	62079	6.989	ng/uL	0.00
4) Pyridine-d5	3.710	84	419672	17.639	ng/ul	0.00
7) Phenol-d5	7.004	99	526051	17.594	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	337880	19.039	ng/ul	0.00
11) 2-Chlorophenol-d4	7.375	132	404452	17.201	ng/ul	0.00
15) 4-Methylphenol-d8	8.551	113	427608	17.519	ng/ul	0.00
21) Nitrobenzene-d5	8.998	128	203458	18.397	ng/ul	0.00
24) 2-Nitrophenol-d4	9.722	143	200207	16.352	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	397836	17.736	ng/ul	0.00
31) 4-Chloroaniline-d4	10.769	131	588425	17.613	ng/ul	0.00
46) Dimethylphthalate-d6	13.892	166	1257422	18.362	ng/ul	0.00
49) Acenaphthylene-d8	14.169	160	1613805	18.694	ng/ul	0.00
54) 4-Nitrophenol-d4	14.663	143	216827	16.047	ng/ul	0.00
60) Fluorene-d10	15.469	176	1057782	18.084	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.586	200	166636	13.745	ng/ul	0.00
73) Anthracene-d10	17.321	188	1600122	17.702	ng/ul	0.00
81) Pyrene-d10	19.615	212	1788716	19.433	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.627	264	1308148	18.019	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	64111	7.298	ng/uL	94
5) Pyridine	3.728	79	423915	17.606	ng/ul	95
6) Benzaldehyde	6.981	77	350235	19.660	ng/ul	90
8) Phenol	7.034	94	539942	17.851	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.269	93	445013	18.724	ng/ul	96
12) 2-Chlorophenol	7.404	128	418303	17.203	ng/ul	96
13) 2-Methylphenol	8.281	108	411077	17.863	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.381	45	612509	17.567	ng/ul	97
16) Acetophenone	8.663	105	673956	18.631	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.651	70	353889	19.488	ng/ul	95
18) 4-Methylphenol	8.610	108	451715	17.768	ng/ul	99
19) Hexachloroethane	8.928	117	176004	18.795	ng/ul	96
22) Nitrobenzene	9.039	77	508262	20.438	ng/ul	94
23) Isophorone	9.563	82	994191	19.690	ng/ul	95
25) 2-Nitrophenol	9.751	139	222019	16.655	ng/ul#	87
26) 2,4-Dimethylphenol	9.816	107	512608	19.188	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.051	93	622355	19.271	ng/ul	99
29) 2,4-Dichlorophenol	10.286	162	399775	17.945	ng/ul	96
30) Naphthalene	10.692	128	1390189	17.893	ng/ul	100
32) 4-Chloroaniline	10.792	127	599469	18.138	ng/ul	99
33) Hexachlorobutadiene	10.986	225	255268	18.817	ng/ul	98
34) Caprolactam	11.539	113	128789m	16.066	ng/ul	
35) 4-Chloro-3-methylphenol	11.922	107	467526	18.863	ng/ul	96
36) 2-Methylnaphthalene	12.304	142	943036	17.581	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.522	142	970184	17.558	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.675	216	482260	18.088	ng/ul	95
40) Hexachlorocyclopentadiene	12.663	237	291673	17.213	ng/ul	98
41) 2,4,6-Trichlorophenol	12.910	196	306064	17.704	ng/ul	99
42) 2,4,5-Trichlorophenol	12.980	196	340612	17.693	ng/ul	99
43) 1,1'-Biphenyl	13.316	154	1301341	18.374	ng/ul	99
44) 2-Chloronaphthalene	13.351	162	988272	18.322	ng/ul	95
45) 2-Nitroaniline	13.551	65	295076	20.096	ng/ul	93
47) Dimethylphthalate	13.939	163	1250903	18.188	ng/ul	100
48) 2,6-Dinitrotoluene	14.051	165	243853	18.056	ng/ul#	86
50) Acenaphthylene	14.198	152	1605949	18.163	ng/ul	100
51) 3-Nitroaniline	14.374	138	265631	16.993	ng/ul	87
52) Acenaphthene	14.545	153	1023983	17.910	ng/ul	98
53) 2,4-Dinitrophenol	14.580	184	103840	12.021	ng/ul	97
55) 4-Nitrophenol	14.680	109	189889	19.914	ng/ul	87
56) Dibenzofuran	14.874	168	1474551	18.064	ng/ul	95
57) 2,4-Dinitrotoluene	14.833	165	351158	18.030	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.104	232	262314	16.506	ng/ul	98
59) Diethylphthalate	15.304	149	1266697	18.470	ng/ul	99
61) Fluorene	15.527	166	1121121	17.423	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.521	204	547369	17.300	ng/ul	92
63) 4-Nitroaniline	15.539	138	245281m	15.880	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.598	198	169908	14.047	ng/ul#	86
67) N-Nitrosodiphenylamine	15.733	169	1029268	18.061	ng/ul	98
68) 4-Bromophenyl-phenylether	16.416	248	335898	16.836	ng/ul#	88
69) Hexachlorobenzene	16.533	284	352416	15.179	ng/ul#	90
70) Atrazine	16.686	200	378603	18.106	ng/ul	98
71) Pentachlorophenol	16.874	266	198946	14.273	ng/ul	96
72) Phenanthrene	17.263	178	1868205	18.110	ng/ul	100
74) Anthracene	17.357	178	1867556	17.878	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.280	216	491279	17.950	ng/uL	97
76) Pentachlorobenzene	14.804	250	466282	16.823	ng/uL	95
77) Carbazole	17.621	167	1696212	18.391	ng/ul	99
78) Di-n-butylphthalate	18.198	149	2122510	19.469	ng/ul	99
80) Fluoranthene	19.280	202	2159431	19.646	ng/ul	99
82) Pyrene	19.645	202	2098795	18.655	ng/ul	100
83) Butylbenzylphthalate	20.551	149	858221	20.487	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.327	252	593728	16.994	ng/ul	95
85) Benzo(a)anthracene	21.398	228	1899451	18.385	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.339	149	1283131	20.295	ng/ul	99
87) Chrysene	21.445	228	1846039	18.129	ng/ul	99
89) Di-n-octyl phthalate	22.251	149	2030869	20.341	ng/ul	100
90) Benzo(b)fluoranthene	23.056	252	1747662	18.951	ng/ul	98
91) Benzo(k)fluoranthene	23.103	252	1641292	18.297	ng/ul	99
93) Benzo(a)pyrene	23.674	252	1625538	18.319	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.227	276	1601671	17.694	ng/ul	97
95) Dibenzo(a,h)anthracene	26.239	278	1340528	17.520	ng/ul	98
96) Benzo(g,h,i)perylene	26.968	276	1338379	17.658	ng/ul	96

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

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