Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011323\
Data File : BN023650.D
Acq On : 12 Jan 2023 18:37
Operator : CG/JU
Sample : SP6106
Misc : SFAM SPIKE
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 12 23:08:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 05 03:34:47 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SP6106

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	229319	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	1018368	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	605946	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	1247044	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	1040053	20.000	ng/ul	0.00
88) Perylene-d12	23.968	264	1183146	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0	0.000	ng/ul	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	167950	29.855	ng/uL	99
5) Pyridine	3.740	79	1243666	75.983	ng/ul	91
6) Benzaldehyde	7.081	77	1147476	145.783	ng/ul	99
8) Phenol	7.140	94	1730893	83.664	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.369	93	1293689	79.140	ng/ul	99
12) 2-Chlorophenol	7.505	128	1374133	85.428	ng/ul	98
13) 2-Methylphenol	8.399	108	1292275	83.002	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.487	45	1746232	79.873	ng/ul	98
16) Acetophenone	8.781	105	1938733	77.325	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.769	70	1011757	80.145	ng/ul	100
18) 4-Methylphenol	8.740	108	1408192	82.132	ng/ul	96
19) Hexachloroethane	9.028	117	543054	84.411	ng/ul	97
22) Nitrobenzene	9.163	77	1559349	81.135	ng/ul	99
23) Isophorone	9.699	82	2883397	82.953	ng/ul	99
25) 2-Nitrophenol	9.875	139	755569	83.616	ng/ul	98
26) 2,4-Dimethylphenol	9.940	107	1500916	81.847	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.181	93	1754922	77.838	ng/ul	99
29) 2,4-Dichlorophenol	10.410	162	1264630	81.510	ng/ul	96
30) Naphthalene	10.816	128	4214886	76.992	ng/ul	99
32) 4-Chloroaniline	10.928	127	1688899	69.140	ng/ul	99
33) Hexachlorobutadiene	11.098	225	740235	77.137	ng/ul	98
34) Caprolactam	11.757	113	448897m	86.147	ng/ul	
35) 4-Chloro-3-methylphenol	12.069	107	1395765	82.506	ng/ul	99
36) 2-Methylnaphthalene	12.428	142	2783222	76.265	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.645	142	2821356	75.671	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.792	216	1435436	80.098	ng/ul	99
40) Hexachlorocyclopentadiene	12.769	237	881377	78.033	ng/ul	100
41) 2,4,6-Trichlorophenol	13.040	196	995595	84.279	ng/ul	91
42) 2,4,5-Trichlorophenol	13.110	196	1096094	84.844	ng/ul	91
43) 1,1'-Biphenyl	13.440	154	3534094	75.598	ng/ul	100
44) 2-Chloronaphthalene	13.481	162	2856840	78.767	ng/ul	99
45) 2-Nitroaniline	13.692	65	938888	93.870	ng/ul	96
47) Dimethylphthalate	14.063	163	3505585	77.396	ng/ul	99
48) 2,6-Dinitrotoluene	14.192	165	800491	93.485	ng/ul	92
50) Acenaphthylene	14.322	152	4377344	78.825	ng/ul	98
51) 3-Nitroaniline	14.522	138	872533	101.685	ng/ul	95
52) Acenaphthene	14.669	153	2910780	74.346	ng/ul	99
53) 2,4-Dinitrophenol	14.722	184	490726	87.685	ng/ul	98
55) 4-Nitrophenol	14.828	109	587156	79.232	ng/ul	96
56) Dibenzofuran	15.004	168	3993296	73.277	ng/ul	96
57) 2,4-Dinitrotoluene	14.975	165	1081874	86.547	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.228	232	896922	81.023	ng/ul	98
59) Diethylphthalate	15.428	149	3481638	76.736	ng/ul	99
61) Fluorene	15.651	166	3052189	69.164	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.639	204	1482696	69.016	ng/ul	99
63) 4-Nitroaniline	15.692	138	907691m	114.893	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.739	198	621233	83.680	ng/ul#	98
67) N-Nitrosodiphenylamine	15.863	169	2766580	79.053	ng/ul	99
68) 4-Bromophenyl-phenylether	16.539	248	1021677	81.736	ng/ul	96
69) Hexachlorobenzene	16.651	284	1163721	79.446	ng/ul	95
70) Atrazine	16.822	200	1075744	82.132	ng/ul	99
71) Pentachlorophenol	16.998	266	782793	83.735	ng/ul	98
72) Phenanthrene	17.392	178	4993815	74.736	ng/ul	99
74) Anthracene	17.486	178	5063447	76.141	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.404	216	1395058	83.092	ng/uL	98
76) Pentachlorobenzene	14.922	250	1361709	80.970	ng/uL	99
77) Carbazole	17.763	167	4743260	78.554	ng/ul	99
78) Di-n-butylphthalate	18.322	149	5731118	79.942	ng/ul	100
80) Fluoranthene	19.410	202	5724224	82.277	ng/ul	99
82) Pyrene	19.774	202	5801985	78.955	ng/ul	99
83) Butylbenzylphthalate	20.674	149	2724119	93.637	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.463	252	2115881	93.130	ng/ul	99
85) Benzo(a)anthracene	21.527	228	5541898	78.663	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.445	149	3622431	85.757	ng/ul	99
87) Chrysene	21.586	228	5069168	76.741	ng/ul	97
89) Di-n-octyl phthalate	22.380	149	6602479	80.857	ng/ul	100
90) Benzo(b)fluoranthene	23.239	252	5787594	76.794	ng/ul	99
91) Benzo(k)fluoranthene	23.286	252	5605149	75.193	ng/ul	99
93) Benzo(a)pyrene	23.868	252	5159938	78.945	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.521	276	6426797	79.562	ng/ul	98
95) Dibenzo(a,h)anthracene	26.551	278	5247545	78.567	ng/ul	99
96) Benzo(g,h,i)perylene	27.315	276	5423538	84.308	ng/ul	96

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

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