Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012323\
Data File : BN023774.D
Acq On : 24 Jan 2023 13:14
Operator : CG/JU
Sample : 01226-09MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jan 24 23:56:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 24 23:52:16 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
EX9G4MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

01/25/2023
Supervised By :Yogesh Patel

01/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	228609	20.000	ng/ul	0.00
20) Naphthalene-d8	10.698	136	986359	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.539	164	594081	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.286	188	1149490	20.000	ng/ul	0.00
79) Chrysene-d12	21.474	240	815664	20.000	ng/ul	0.00
88) Perylene-d12	23.892	264	807328	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	23059	4.341	ng/uL	0.00
4) Pyridine-d5	3.699	84	236805	14.857	ng/ul	0.00
7) Phenol-d5	7.051	99	129972	6.415	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	291221	23.430	ng/ul	0.00
11) 2-Chlorophenol-d4	7.416	132	298997	19.269	ng/ul	0.00
15) 4-Methylphenol-d8	8.604	113	243825	15.077	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	187739	25.241	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	197132	25.037	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	372405	24.797	ng/ul	0.00
31) 4-Chloroaniline-d4	10.839	131	631941	26.751	ng/ul	0.00
46) Dimethylphthalate-d6	13.951	166	1274163	28.832	ng/ul	0.00
49) Acenaphthylene-d8	14.233	160	1346106	27.491	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	46459	5.164	ng/ul	0.00
60) Fluorene-d10	15.527	176	1025370	27.153	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	163263	23.544	ng/ul	0.00
73) Anthracene-d10	17.380	188	1329623	25.849	ng/ul	0.00
81) Pyrene-d10	19.674	212	1487898	31.896	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.739	264	1126599	28.218	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.310	88	23708	4.227	ng/uL	96
5) Pyridine	3.716	79	256312	15.708	ng/ul	95
6) Benzaldehyde	7.022	77	316551	40.342	ng/ul	99
8) Phenol	7.075	94	153281	7.432	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.310	93	434465	26.661	ng/ul	98
12) 2-Chlorophenol	7.445	128	351809	21.939	ng/ul	99
13) 2-Methylphenol	8.334	108	304385	19.611	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.428	45	595148	27.307	ng/ul	99
16) Acetophenone	8.716	105	675460	27.024	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.704	70	362512	28.805	ng/ul	100
18) 4-Methylphenol	8.669	108	292413	17.108	ng/ul	99
19) Hexachloroethane	8.969	117	164484	25.647	ng/ul	97
22) Nitrobenzene	9.098	77	528877	28.411	ng/ul	99
23) Isophorone	9.628	82	1024061	30.418	ng/ul	100
25) 2-Nitrophenol	9.810	139	245784	28.083	ng/ul	97
26) 2,4-Dimethylphenol	9.875	107	439315	24.734	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.110	93	619391	28.364	ng/ul	99
29) 2,4-Dichlorophenol	10.345	162	412738	27.466	ng/ul	98
30) Naphthalene	10.751	128	1420621	26.792	ng/ul	98
32) 4-Chloroaniline	10.863	127	653124	27.605	ng/ul	99
33) Hexachlorobutadiene	11.028	225	233611	25.134	ng/ul	97
34) Caprolactam	11.657	113	19756m	3.914	ng/ul	
35) 4-Chloro-3-methylphenol	11.986	107	467183	28.512	ng/ul	99
36) 2-Methylnaphthalene	12.357	142	977021	27.641	ng/ul	97

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37) 1-Methylnaphthalene	12.581	142	997436	27.620	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.728	216	495407	28.196	ng/ul	98
40) Hexachlorocyclopentadiene	12.704	237	252714	22.821	ng/ul	96
41) 2,4,6-Trichlorophenol	12.969	196	374240	32.313	ng/ul	95
42) 2,4,5-Trichlorophenol	13.039	196	409373	32.321	ng/ul	86
43) 1,1'-Biphenyl	13.369	154	1334366	29.113	ng/ul	99
44) 2-Chloronaphthalene	13.416	162	1039626	29.237	ng/ul	100
45) 2-Nitroaniline	13.622	65	368613	37.590	ng/ul	98
47) Dimethylphthalate	13.998	163	1463049	32.946	ng/ul	99
48) 2,6-Dinitrotoluene	14.122	165	301541	35.919	ng/ul	99
50) Acenaphthylene	14.257	152	1702903	31.277	ng/ul	99
51) 3-Nitroaniline	14.451	138	307470	36.548	ng/ul	97
52) Acenaphthene	14.604	153	1170804	30.502	ng/ul	100
53) 2,4-Dinitrophenol	14.651	184	16968	3.092	ng/ul#	83
55) 4-Nitrophenol	14.757	109	42489	5.848	ng/ul	98
56) Dibenzofuran	14.933	168	1623461	30.385	ng/ul	99
57) 2,4-Dinitrotoluene	14.904	165	433290	35.354	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.163	232	349724	32.223	ng/ul	95
59) Diethylphthalate	15.363	149	1489156	33.477	ng/ul	99
61) Fluorene	15.586	166	1323324	30.586	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.580	204	646237	30.681	ng/ul	97
63) 4-Nitroaniline	15.616	138	282212	36.435	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.669	198	183443	26.807	ng/ul	100
67) N-Nitrosodiphenylamine	15.792	169	1182004	36.641	ng/ul	99
68) 4-Bromophenyl-phenylether	16.474	248	399140	34.642	ng/ul	98
69) Hexachlorobenzene	16.586	284	449335	33.279	ng/ul	99
70) Atrazine	16.757	200	417054	34.544	ng/ul	98
71) Pentachlorophenol	16.933	266	266941	30.978	ng/ul	97
72) Phenanthrene	17.327	178	1853151	30.087	ng/ul	98
74) Anthracene	17.421	178	1881560	30.695	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.339	216	505935	32.692	ng/uL	98
76) Pentachlorobenzene	14.857	250	515424	33.249	ng/uL	97
77) Carbazole	17.692	167	1785313	32.076	ng/ul	99
78) Di-n-butylphthalate	18.251	149	2234406	33.812	ng/ul	99
80) Fluoranthene	19.345	202	2053535	37.637	ng/ul	99
82) Pyrene	19.704	202	2067540	35.876	ng/ul	98
83) Butylbenzylphthalate	20.604	149	948416	41.568	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.398	252	106738	5.990	ng/ul	98
85) Benzo(a)anthracene	21.457	228	1778062	32.181	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.386	149	1339019	40.420	ng/ul	99
87) Chrysene	21.509	228	1688246	32.589	ng/ul	98
89) Di-n-octyl phthalate	22.321	149	2075875	37.256	ng/ul	100
90) Benzo(b)fluoranthene	23.156	252	1716286	33.374	ng/ul	99
91) Benzo(k)fluoranthene	23.203	252	1543351	30.342	ng/ul	99
93) Benzo(a)pyrene	23.792	252	1463377	32.811	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.409	276	1679493	30.470	ng/ul	99
95) Dibenzo(a,h)anthracene	26.427	278	1407801	30.890	ng/ul	100
96) Benzo(g,h,i)perylene	27.186	276	1371789	31.251	ng/ul	98

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

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