Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042523\
Data File : BN025122.D
Acq On : 25 Apr 2023 09:55
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 26 00:44:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 25 08:52:18 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD020282

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	385122	20.000	ng/ul	0.00
20) Naphthalene-d8	10.722	136	1732010	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.563	164	1121113	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.310	188	2378958	20.000	ng/ul	0.00
79) Chrysene-d12	21.510	240	2159428	20.000	ng/ul	0.00
88) Perylene-d12	23.933	264	2223094	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	76019	7.513	ng/uL	0.00
4) Pyridine-d5	3.717	84	549030	18.120	ng/ul	0.00
7) Phenol-d5	7.075	99	702953	18.722	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.240	67	485248	19.322	ng/ul	0.00
11) 2-Chlorophenol-d4	7.440	132	538350	19.510	ng/ul	0.00
15) 4-Methylphenol-d8	8.628	113	571096	19.160	ng/ul	0.00
21) Nitrobenzene-d5	9.081	128	270936	19.320	ng/ul	0.00
24) 2-Nitrophenol-d4	9.804	143	297627	19.594	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.346	165	551324	20.306	ng/ul	0.00
31) 4-Chloroaniline-d4	10.863	131	806063	19.563	ng/ul	0.00
46) Dimethylphthalate-d6	13.969	166	1679573	19.325	ng/ul	0.00
49) Acenaphthylene-d8	14.251	160	1955279	19.632	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	321331	18.037	ng/ul	0.00
60) Fluorene-d10	15.551	176	1433362	19.533	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	274997	17.762	ng/ul	0.00
73) Anthracene-d10	17.410	188	2247498	20.115	ng/ul	0.00
81) Pyrene-d10	19.704	212	2521970	20.112	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.780	264	2270589	19.534	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	81051	7.422	ng/uL	97
5) Pyridine	3.734	79	590247	18.855	ng/ul	92
6) Benzaldehyde	7.046	77	412884	22.506	ng/ul	99
8) Phenol	7.099	94	745221	19.058	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.334	93	598451	19.494	ng/ul	100
12) 2-Chlorophenol	7.469	128	557265	19.337	ng/ul	99
13) 2-Methylphenol	8.357	108	548801	19.116	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.446	45	1195567	19.833	ng/ul	99
16) Acetophenone	8.740	105	931457	19.763	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.728	70	506264	19.914	ng/ul	99
18) 4-Methylphenol	8.687	108	613578	19.219	ng/ul	92
19) Hexachloroethane	8.993	117	220833	18.987	ng/ul	94
22) Nitrobenzene	9.122	77	737627	19.574	ng/ul	99
23) Isophorone	9.646	82	1371125	19.822	ng/ul	100
25) 2-Nitrophenol	9.834	139	329576	20.114	ng/ul	99
26) 2,4-Dimethylphenol	9.899	107	689219	19.978	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.134	93	850789	19.764	ng/ul	99
29) 2,4-Dichlorophenol	10.369	162	553410	20.309	ng/ul	97
30) Naphthalene	10.775	128	1888516	19.524	ng/ul	99
32) 4-Chloroaniline	10.887	127	812623	19.483	ng/ul	99
33) Hexachlorobutadiene	11.057	225	327713	20.634	ng/ul	97
34) Caprolactam	11.657	113	179027m	18.745	ng/ul	
35) 4-Chloro-3-methylphenol	12.010	107	639706	20.023	ng/ul	99
36) 2-Methylnaphthalene	12.387	142	1284005	20.085	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.604	142	1282358	20.094	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.751	216	651510	19.923	ng/ul	96
40) Hexachlorocyclopentadiene	12.728	237	403517	20.235	ng/ul	97
41) 2,4,6-Trichlorophenol	12.993	196	441189	19.746	ng/ul	99
42) 2,4,5-Trichlorophenol	13.063	196	481988	19.712	ng/ul	98
43) 1,1'-Biphenyl	13.393	154	1720731	19.264	ng/ul	98
44) 2-Chloronaphthalene	13.434	162	1332929	19.218	ng/ul	100
45) 2-Nitroaniline	13.645	65	465891	19.236	ng/ul	96
47) Dimethylphthalate	14.016	163	1705898	19.508	ng/ul	100
48) 2,6-Dinitrotoluene	14.140	165	339899	19.914	ng/ul	95
50) Acenaphthylene	14.281	152	2132246	19.492	ng/ul	99
51) 3-Nitroaniline	14.469	138	353476	19.707	ng/ul	98
52) Acenaphthene	14.622	153	1474746	19.501	ng/ul	99
53) 2,4-Dinitrophenol	14.675	184	250971	22.868	ng/ul	91
55) 4-Nitrophenol	14.775	109	270113	18.629	ng/ul	95
56) Dibenzofuran	14.957	168	2062181	19.783	ng/ul	98
57) 2,4-Dinitrotoluene	14.928	165	499627	20.222	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.187	232	416424	20.682	ng/ul	92
59) Diethylphthalate	15.381	149	1725872	19.641	ng/ul	98
61) Fluorene	15.610	166	1660892	19.810	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.598	204	791629	20.285	ng/ul	97
63) 4-Nitroaniline	15.634	138	363835	20.583	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.692	198	274493	18.100	ng/ul	96
67) N-Nitrosodiphenylamine	15.816	169	1407020	19.495	ng/ul	98
68) 4-Bromophenyl-phenylether	16.498	248	478862	20.026	ng/ul	99
69) Hexachlorobenzene	16.616	284	548905	20.275	ng/ul	99
70) Atrazine	16.769	200	502358	20.456	ng/ul	99
71) Pentachlorophenol	16.957	266	355627	21.133	ng/ul	95
72) Phenanthrene	17.351	178	2611281	19.451	ng/ul	99
74) Anthracene	17.439	178	2694838	19.921	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.357	216	655722	19.379	ng/uL	98
76) Pentachlorobenzene	14.881	250	649959	20.077	ng/uL	99
77) Carbazole	17.716	167	2387151	19.543	ng/ul	98
78) Di-n-butylphthalate	18.275	149	2958415	20.406	ng/ul	99
80) Fluoranthene	19.369	202	2995036	19.929	ng/ul	99
82) Pyrene	19.733	202	3132108	19.800	ng/ul	98
83) Butylbenzylphthalate	20.633	149	1318469	20.076	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.422	252	952586	19.226	ng/ul	99
85) Benzo(a)anthracene	21.492	228	3062457	19.746	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.410	149	2004630	20.447	ng/ul	99
87) Chrysene	21.545	228	2811455	19.032	ng/ul	98
89) Di-n-octyl phthalate	22.351	149	3364983	22.026	ng/ul	100
90) Benzo(b)fluoranthene	23.198	252	2940089	20.166	ng/ul	95
91) Benzo(k)fluoranthene	23.245	252	2748198	19.157	ng/ul	97
93) Benzo(a)pyrene	23.827	252	2496147	19.556	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.457	276	2909654	18.814	ng/ul	97
95) Dibenzo(a,h)anthracene	26.474	278	2486995	19.478	ng/ul	99
96) Benzo(g,h,i)perylene	27.227	276	2382806	18.987	ng/ul	99

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

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