Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
Data File : BP014393.D
Acq On : 30 Mar 2023 10:05
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 30 22:38:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 30 12:32:14 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020798

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	128979	20.000	ng/ul	0.00
20) Naphthalene-d8	10.840	136	586964	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.669	164	395788	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.433	188	906368	20.000	ng/ul	0.00
79) Chrysene-d12	21.521	240	934236	20.000	ng/ul	0.00
88) Perylene-d12	24.045	264	993996	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	27417	8.243	ng/uL	0.00
4) Pyridine-d5	3.822	84	191388	22.455	ng/ul	0.00
7) Phenol-d5	7.175	99	249238	20.953	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	168400	22.065	ng/ul	0.00
11) 2-Chlorophenol-d4	7.546	132	187301	21.786	ng/ul	0.00
15) 4-Methylphenol-d8	8.734	113	210568	21.946	ng/ul	0.00
21) Nitrobenzene-d5	9.193	128	98867	20.865	ng/ul	0.00
24) 2-Nitrophenol-d4	9.922	143	111260	20.505	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.463	165	207925	21.042	ng/ul	0.00
31) 4-Chloroaniline-d4	10.987	131	287077	22.056	ng/ul	0.00
46) Dimethylphthalate-d6	14.075	166	677052	21.098	ng/ul	0.00
49) Acenaphthylene-d8	14.369	160	760478	21.357	ng/ul	0.00
54) 4-Nitrophenol-d4	14.881	143	108240	22.326	ng/ul	0.00
60) Fluorene-d10	15.669	176	577760	21.589	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	127845	19.170	ng/ul	0.00
73) Anthracene-d10	17.533	188	941026	21.453	ng/ul	0.00
81) Pyrene-d10	19.763	212	1111751	17.716	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.880	264	1109070	21.001	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	29187	7.985	ng/uL	96
5) Pyridine	3.840	79	194547	21.811	ng/ul	93
6) Benzaldehyde	7.158	77	154425	26.118	ng/ul	94
8) Phenol	7.205	94	258128	20.919	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.434	93	214442	21.626	ng/ul	99
12) 2-Chlorophenol	7.575	128	189355	21.161	ng/ul	97
13) 2-Methylphenol	8.463	108	193968	21.078	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.552	45	285615	21.937	ng/ul	100
16) Acetophenone	8.852	105	349560	22.063	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.828	70	190896	22.302	ng/ul	95
18) 4-Methylphenol	8.799	108	222242	21.990	ng/ul	98
19) Hexachloroethane	9.104	117	85880	21.965	ng/ul	95
22) Nitrobenzene	9.234	77	282604	20.760	ng/ul	99
23) Isophorone	9.763	82	516951	20.602	ng/ul	99
25) 2-Nitrophenol	9.952	139	118288	20.654	ng/ul	97
26) 2,4-Dimethylphenol	10.004	107	264272	20.616	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.246	93	304211	20.221	ng/ul	99
29) 2,4-Dichlorophenol	10.493	162	202061	20.778	ng/ul	97
30) Naphthalene	10.893	128	692815	21.190	ng/ul	99
32) 4-Chloroaniline	11.010	127	291403	22.104	ng/ul	97
33) Hexachlorobutadiene	11.169	225	156612	20.328	ng/ul	100
34) Caprolactam	11.798	113	66421m	23.120	ng/ul	
35) 4-Chloro-3-methylphenol	12.128	107	254699	21.294	ng/ul	100
36) 2-Methylnaphthalene	12.498	142	462228	20.861	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.716	142	463503	21.093	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.863	216	281670	19.961	ng/ul	96
40) Hexachlorocyclopentadiene	12.834	237	157012	17.182	ng/ul	98
41) 2,4,6-Trichlorophenol	13.104	196	178705	20.465	ng/ul	99
42) 2,4,5-Trichlorophenol	13.187	196	193795	20.847	ng/ul	96
43) 1,1'-Biphenyl	13.504	154	647285	20.243	ng/ul	98
44) 2-Chloronaphthalene	13.545	162	512028	20.252	ng/ul	99
45) 2-Nitroaniline	13.763	65	172691	22.056	ng/ul	99
47) Dimethylphthalate	14.122	163	677528	21.116	ng/ul	99
48) 2,6-Dinitrotoluene	14.251	165	135303	21.583	ng/ul	96
50) Acenaphthylene	14.392	152	815994	21.517	ng/ul	100
51) 3-Nitroaniline	14.592	138	129468	23.053	ng/ul	99
52) Acenaphthene	14.734	153	562098	20.975	ng/ul	99
53) 2,4-Dinitrophenol	14.798	184	72145	17.772	ng/ul	96
55) 4-Nitrophenol	14.898	109	109176	22.818	ng/ul	97
56) Dibenzofuran	15.075	168	801709	21.281	ng/ul	100
57) 2,4-Dinitrotoluene	15.045	165	207206	23.302	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.298	232	183112	21.916	ng/ul	98
59) Diethylphthalate	15.487	149	694538	21.782	ng/ul	99
61) Fluorene	15.722	166	650025	21.288	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.710	204	346584	21.127	ng/ul	98
63) 4-Nitroaniline	15.757	138	113006	24.765	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.810	198	122329	18.927	ng/ul	99
67) N-Nitrosodiphenylamine	15.934	169	543840	19.285	ng/ul	99
68) 4-Bromophenyl-phenylether	16.616	248	214983	19.061	ng/ul	95
69) Hexachlorobenzene	16.733	284	251272	19.396	ng/ul	98
70) Atrazine	16.886	200	215469	20.989	ng/ul	97
71) Pentachlorophenol	17.081	266	142137	18.938	ng/ul	96
72) Phenanthrene	17.475	178	1086838	21.554	ng/ul	99
74) Anthracene	17.569	178	1090288	21.453	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.469	216	291758	18.287	ng/uL	97
76) Pentachlorobenzene	14.987	250	297307	18.676	ng/uL	98
77) Carbazole	17.845	167	949418	22.323	ng/ul	99
78) Di-n-butylphthalate	18.369	149	1168762	21.855	ng/ul	100
80) Fluoranthene	19.439	202	1321097	17.805	ng/ul	99
82) Pyrene	19.792	202	1358346	17.535	ng/ul	100
83) Butylbenzylphthalate	20.651	149	577847	21.656	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.433	252	477213	23.097	ng/ul	100
85) Benzo(a)anthracene	21.504	228	1401180	21.165	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	815731	22.357	ng/ul	99
87) Chrysene	21.563	228	1328299	21.249	ng/ul	99
89) Di-n-octyl phthalate	22.369	149	1407843	21.825	ng/ul	100
90) Benzo(b)fluoranthene	23.268	252	1384803	20.628	ng/ul	99
91) Benzo(k)fluoranthene	23.321	252	1408132	21.597	ng/ul	99
93) Benzo(a)pyrene	23.933	252	1225027	21.200	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.692	276	1506378	18.948	ng/ul	99
95) Dibenzo(a,h)anthracene	26.709	278	1252788	18.822	ng/ul	100
96) Benzo(g,h,i)perylene	27.509	276	1188696	18.344	ng/ul	98

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

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