Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013514.D
Acq On : 18 Jan 2023 02:31
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020745

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/18/2023
Supervised By :mohammad ahmed 01/20/2023

Quant Time: Jan 18 06:36:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 18 01:06:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	499537	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	1994187	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.545	164	1241667	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.304	188	2746638	20.000	ng/ul	0.00
79) Chrysene-d12	21.398	240	2928022	20.000	ng/ul	0.00
88) Perylene-d12	23.851	264	3500054	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	98319	7.650	ng/uL	0.00
4) Pyridine-d5	3.716	84	682668	19.045	ng/ul	0.00
7) Phenol-d5	7.063	99	778152	18.773	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	485198	18.554	ng/ul	0.00
11) 2-Chlorophenol-d4	7.428	132	631991	20.445	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	599178	18.973	ng/ul	0.00
21) Nitrobenzene-d5	9.069	128	294618	20.749	ng/ul	0.00
24) 2-Nitrophenol-d4	9.793	143	335290	21.571	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	629989	20.338	ng/ul	0.00
31) 4-Chloroaniline-d4	10.851	131	827421	18.961	ng/ul	0.00
46) Dimethylphthalate-d6	13.957	166	1717724	18.988	ng/ul	0.00
49) Acenaphthylene-d8	14.239	160	2011602	20.089	ng/ul	0.00
54) 4-Nitrophenol-d4	14.751	143	306744	18.525	ng/ul	0.00
60) Fluorene-d10	15.539	176	1517395	18.990	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.669	200	325554	18.693	ng/ul	0.00
73) Anthracene-d10	17.404	188	2413530	19.880	ng/ul	0.00
81) Pyrene-d10	19.639	212	2987433	18.753	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.692	264	3285408	19.110	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	99617	7.039	ng/uL	96
5) Pyridine	3.740	79	671500	18.526	ng/ul	98
6) Benzaldehyde	7.040	77	317641	20.092	ng/ul	95
8) Phenol	7.087	94	795906	18.560	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.322	93	634640	18.715	ng/ul	99
12) 2-Chlorophenol	7.457	128	639266	19.852	ng/ul	97
13) 2-Methylphenol	8.346	108	591011	19.191	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.434	45	981885	18.765	ng/ul	98
16) Acetophenone	8.728	105	951647	19.093	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.710	70	481404	20.202	ng/ul	99
18) 4-Methylphenol	8.675	108	639530	18.892	ng/ul	100
19) Hexachloroethane	8.981	117	260031	20.041	ng/ul	98
22) Nitrobenzene	9.110	77	712300	19.219	ng/ul	96
23) Isophorone	9.640	82	1299443	20.034	ng/ul	99
25) 2-Nitrophenol	9.822	139	353936	20.944	ng/ul	98
26) 2,4-Dimethylphenol	9.881	107	690433	19.583	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.116	93	820288	19.138	ng/ul	98
29) 2,4-Dichlorophenol	10.357	162	622280	20.079	ng/ul	99
30) Naphthalene	10.763	128	1999792	18.851	ng/ul	99
32) 4-Chloroaniline	10.875	127	832893	18.983	ng/ul	99
33) Hexachlorobutadiene	11.040	225	435231	19.557	ng/ul	96
34) Caprolactam	11.657	113	175121m	18.994	ng/ul	
35) 4-Chloro-3-methylphenol	11.998	107	602726	20.151	ng/ul	97
36) 2-Methylnaphthalene	12.369	142	1314757	19.379	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.586	142	1353800	19.237	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.734	216	810123	19.031	ng/ul	98
40) Hexachlorocyclopentadiene	12.710	237	460844	17.995	ng/ul	99
41) 2,4,6-Trichlorophenol	12.981	196	508776	20.318	ng/ul	98
42) 2,4,5-Trichlorophenol	13.051	196	548810	20.140	ng/ul	99
43) 1,1'-Biphenyl	13.381	154	1798808	19.082	ng/ul	99
44) 2-Chloronaphthalene	13.422	162	1425396	18.738	ng/ul	100
45) 2-Nitroaniline	13.633	65	382408	20.774	ng/ul	96
47) Dimethylphthalate	14.004	163	1698627	18.794	ng/ul	100
48) 2,6-Dinitrotoluene	14.128	165	338249	21.612	ng/ul	97
50) Acenaphthylene	14.269	152	2154890	19.527	ng/ul	99
51) 3-Nitroaniline	14.457	138	286016	17.253	ng/ul	96
52) Acenaphthene	14.610	153	1491330	18.881	ng/ul	99
53) 2,4-Dinitrophenol	14.669	184	204293	17.536	ng/ul	98
55) 4-Nitrophenol	14.763	109	237880	18.900	ng/ul	97
56) Dibenzofuran	14.945	168	2119623	18.685	ng/ul	99
57) 2,4-Dinitrotoluene	14.916	165	481132	20.681	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.175	232	484485	20.381	ng/ul	99
59) Diethylphthalate	15.363	149	1641558	19.405	ng/ul	99
61) Fluorene	15.598	166	1729169	19.096	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.586	204	901819	19.071	ng/ul	96
63) 4-Nitroaniline	15.622	138	258308	16.853	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.680	198	319014	18.558	ng/ul#	99
67) N-Nitrosodiphenylamine	15.804	169	1434579	19.312	ng/ul	99
68) 4-Bromophenyl-phenylether	16.486	248	566748	19.921	ng/ul	98
69) Hexachlorobenzene	16.604	284	666889	19.441	ng/ul	98
70) Atrazine	16.763	200	555291	19.554	ng/ul	99
71) Pentachlorophenol	16.951	266	395562	19.373	ng/ul	100
72) Phenanthrene	17.345	178	2741138	18.772	ng/ul	99
74) Anthracene	17.439	178	2812175	19.496	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.345	216	801169	19.315	ng/uL	99
76) Pentachlorobenzene	14.863	250	784531	19.427	ng/uL	98
77) Carbazole	17.710	167	2459890	19.690	ng/ul	99
78) Di-n-butylphthalate	18.251	149	2844118	23.213	ng/ul	99
80) Fluoranthene	19.316	202	3414138	18.725	ng/ul	97
82) Pyrene	19.668	202	3603586	18.652	ng/ul	99
83) Butylbenzylphthalate	20.533	149	1370143	23.372	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.310	252	1318567	24.435	ng/ul	100
85) Benzo(a)anthracene	21.380	228	3772422	19.455	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.292	149	2078236	25.449	ng/ul	99
87) Chrysene	21.433	228	3551188	18.790	ng/ul	100
89) Di-n-octyl phthalate	22.233	149	3611680	24.075	ng/ul	100
90) Benzo(b)fluoranthene	23.098	252	4030908	18.211	ng/ul	100
91) Benzo(k)fluoranthene	23.145	252	3993584	18.908	ng/ul	99
93) Benzo(a)pyrene	23.745	252	3632653	18.691	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.415	276	4981325	18.498	ng/ul	99
95) Dibenzo(a,h)anthracene	26.427	278	4128322	18.378	ng/ul	100
96) Benzo(g,h,i)perylene	27.197	276	4039302	18.237	ng/ul	99

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

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