Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010523\
Data File : BP013396.D
Acq On : 05 Jan 2023 14:18
Operator : CG/JU
Sample : SSTD02019
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 06 00:21:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 06 00:16:51 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020647

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	318651	20.000	ng/ul	0.00
20) Naphthalene-d8	10.734	136	1222931	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.563	164	734859	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.322	188	1664128	20.000	ng/ul	0.00
79) Chrysene-d12	21.410	240	1828106	20.000	ng/ul	0.00
88) Perylene-d12	23.874	264	2064824	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	66926	8.980	ng/uL	0.00
4) Pyridine-d5	3.740	84	446172	21.075	ng/ul	0.00
7) Phenol-d5	7.081	99	500239	19.273	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.246	67	321816	20.554	ng/ul	0.00
11) 2-Chlorophenol-d4	7.452	132	392258	19.198	ng/ul	0.00
15) 4-Methylphenol-d8	8.634	113	370627	17.428	ng/ul	0.00
21) Nitrobenzene-d5	9.087	128	171458	19.082	ng/ul	0.00
24) 2-Nitrophenol-d4	9.810	143	187520	18.538	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.352	165	378725	19.275	ng/ul	0.00
31) 4-Chloroaniline-d4	10.875	131	508423	18.329	ng/ul	0.00
46) Dimethylphthalate-d6	13.975	166	1044889	18.501	ng/ul	0.00
49) Acenaphthylene-d8	14.257	160	1191684	19.202	ng/ul	0.00
54) 4-Nitrophenol-d4	14.769	143	180099	17.728	ng/ul	0.00
60) Fluorene-d10	15.557	176	941750	19.710	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	181004	16.902	ng/ul	0.00
73) Anthracene-d10	17.422	188	1491114	19.861	ng/ul	0.00
81) Pyrene-d10	19.657	212	1871427	17.834	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.710	264	1986970	19.306	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	72982	9.381	ng/uL	100
5) Pyridine	3.758	79	461867	21.951	ng/ul	100
6) Benzaldehyde	7.058	77	199724	19.652	ng/ul	100
8) Phenol	7.111	94	522744	19.920	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.340	93	417044	19.362	ng/ul	100
12) 2-Chlorophenol	7.481	128	409543	19.546	ng/ul	100
13) 2-Methylphenol	8.363	108	364851	17.833	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.446	45	638933	21.618	ng/ul	100
16) Acetophenone	8.752	105	612987	18.798	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.734	70	292965	17.866	ng/ul	100
18) 4-Methylphenol	8.693	108	403663	17.813	ng/ul	100
19) Hexachloroethane	9.005	117	164119	19.601	ng/ul	100
22) Nitrobenzene	9.128	77	457278	21.688	ng/ul	100
23) Isophorone	9.658	82	764062	17.922	ng/ul	100
25) 2-Nitrophenol	9.846	139	207969	18.975	ng/ul	100
26) 2,4-Dimethylphenol	9.905	107	429433	20.081	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.140	93	512685	18.807	ng/ul	100
29) 2,4-Dichlorophenol	10.381	162	378249	19.653	ng/ul	100
30) Naphthalene	10.781	128	1287855	20.136	ng/ul	100
32) 4-Chloroaniline	10.899	127	513449	18.706	ng/ul	100
33) Hexachlorobutadiene	11.063	225	263571	19.945	ng/ul	100
34) Caprolactam	11.693	113	95834m	14.603	ng/ul	
35) 4-Chloro-3-methylphenol	12.016	107	358061	18.230	ng/ul	100
36) 2-Methylnaphthalene	12.393	142	810059	18.462	ng/ul	100

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37) 1-Methylnaphthalene	12.610	142	844670	18.719	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.757	216	499986	21.130	ng/ul	100
40) Hexachlorocyclopentadiene	12.734	237	254805	16.547	ng/ul	100
41) 2,4,6-Trichlorophenol	12.999	196	296488	19.497	ng/ul	100
42) 2,4,5-Trichlorophenol	13.069	196	312365	19.123	ng/ul	100
43) 1,1'-Biphenyl	13.399	154	1105937	20.038	ng/ul	100
44) 2-Chloronaphthalene	13.440	162	894832	20.601	ng/ul	100
45) 2-Nitroaniline	13.651	65	214426	20.360	ng/ul	100
47) Dimethylphthalate	14.022	163	1053880	18.827	ng/ul	100
48) 2,6-Dinitrotoluene	14.146	165	177863	17.098	ng/ul	100
50) Acenaphthylene	14.287	152	1327810	19.902	ng/ul	100
51) 3-Nitroaniline	14.475	138	171144	17.423	ng/ul	100
52) Acenaphthene	14.628	153	924811	20.003	ng/ul	100
53) 2,4-Dinitrophenol	14.687	184	105164	14.789	ng/ul	100
55) 4-Nitrophenol	14.781	109	142896	20.614	ng/ul	100
56) Dibenzofuran	14.963	168	1351880	20.566	ng/ul	100
57) 2,4-Dinitrotoluene	14.934	165	273059	18.070	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.193	232	281922	18.912	ng/ul	100
59) Diethylphthalate	15.381	149	976476	17.945	ng/ul	100
61) Fluorene	15.616	166	1082405	20.532	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.610	204	558931	20.048	ng/ul	100
63) 4-Nitroaniline	15.640	138	164240m	19.001	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.698	198	187484	17.915	ng/ul	100
67) N-Nitrosodiphenylamine	15.822	169	890496	19.301	ng/ul	100
68) 4-Bromophenyl-phenylether	16.504	248	329981	18.259	ng/ul	100
69) Hexachlorobenzene	16.622	284	404218	18.837	ng/ul	100
70) Atrazine	16.781	200	320389	17.820	ng/ul	100
71) Pentachlorophenol	16.969	266	216193	16.636	ng/ul	100
72) Phenanthrene	17.369	178	1764100	20.352	ng/ul	100
74) Anthracene	17.457	178	1773270	20.489	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.363	216	486504	20.491	ng/uL	100
76) Pentachlorobenzene	14.881	250	474714	19.611	ng/uL	100
77) Carbazole	17.728	167	1552240	21.296	ng/ul	100
78) Di-n-butylphthalate	18.269	149	1465274	16.511	ng/ul	100
80) Fluoranthene	19.328	202	2131875	17.900	ng/ul	100
82) Pyrene	19.686	202	2313107	18.828	ng/ul	100
83) Butylbenzylphthalate	20.551	149	670339	14.124	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.328	252	600348	14.537	ng/ul	100
85) Benzo(a)anthracene	21.392	228	2377886	19.594	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.304	149	925305	13.821	ng/ul	100
87) Chrysene	21.451	228	2307824	20.109	ng/ul	100
89) Di-n-octyl phthalate	22.251	149	1626537	14.061	ng/ul	100
90) Benzo(b)fluoranthene	23.116	252	2515560	19.105	ng/ul	100
91) Benzo(k)fluoranthene	23.169	252	2560434	19.611	ng/ul	100
93) Benzo(a)pyrene	23.763	252	2287596	19.953	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.445	276	3113794	21.804	ng/ul	100
95) Dibenzo(a,h)anthracene	26.457	278	2618645	22.147	ng/ul	100
96) Benzo(g,h,i)perylene	27.233	276	2549134	22.235	ng/ul	100

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

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