Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013497.D
Acq On : 17 Jan 2023 16:14
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 18 01:15:16 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

Instrument :
BNA_P
ClientSampleId :
SSTD020744

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	448497	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	1791860	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.551	164	1099104	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.310	188	2345103	20.000	ng/ul	0.00
79) Chrysene-d12	21.398	240	2298767	20.000	ng/ul	0.00
88) Perylene-d12	23.857	264	2807389	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	83837	7.266	ng/uL	0.00
4) Pyridine-d5	3.722	84	603313	18.747	ng/ul	0.00
7) Phenol-d5	7.063	99	705088	18.946	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	438693	18.685	ng/ul	0.00
11) 2-Chlorophenol-d4	7.428	132	565645	20.381	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	543554	19.171	ng/ul	0.00
21) Nitrobenzene-d5	9.069	128	270191	21.177	ng/ul	0.00
24) 2-Nitrophenol-d4	9.793	143	310847	22.257	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	573391	20.601	ng/ul	0.00
31) 4-Chloroaniline-d4	10.852	131	736998	18.796	ng/ul	0.00
46) Dimethylphthalate-d6	13.957	166	1513608	18.902	ng/ul	0.00
49) Acenaphthylene-d8	14.240	160	1786552	20.155	ng/ul	0.00
54) 4-Nitrophenol-d4	14.751	143	266903	18.210	ng/ul	0.00
60) Fluorene-d10	15.545	176	1324087	18.720	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.669	200	284793	19.152	ng/ul	0.00
73) Anthracene-d10	17.410	188	2033467	19.618	ng/ul	0.00
81) Pyrene-d10	19.645	212	2423314	19.375	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.698	264	2570631	18.641	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	94568	7.442	ng/uL#	80
5) Pyridine	3.740	79	604983	18.590	ng/ul	98
6) Benzaldehyde	7.040	77	293651	20.688	ng/ul	94
8) Phenol	7.087	94	719961	18.699	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.322	93	571677	18.777	ng/ul	99
12) 2-Chlorophenol	7.463	128	577139	19.962	ng/ul	96
13) 2-Methylphenol	8.346	108	533012	19.277	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.434	45	890866	18.963	ng/ul	98
16) Acetophenone	8.728	105	867442	19.385	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.710	70	447719	20.927	ng/ul	97
18) 4-Methylphenol	8.675	108	583214	19.189	ng/ul	99
19) Hexachloroethane	8.981	117	236098	20.267	ng/ul	99
22) Nitrobenzene	9.110	77	654519	19.654	ng/ul	95
23) Isophorone	9.640	82	1205304	20.681	ng/ul	99
25) 2-Nitrophenol	9.822	139	323317	21.292	ng/ul	99
26) 2,4-Dimethylphenol	9.881	107	623856	19.693	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.122	93	755759	19.623	ng/ul	99
29) 2,4-Dichlorophenol	10.357	162	555718	19.956	ng/ul	99
30) Naphthalene	10.763	128	1811789	19.007	ng/ul	99
32) 4-Chloroaniline	10.875	127	739751	18.764	ng/ul	99
33) Hexachlorobutadiene	11.040	225	394164	19.712	ng/ul	99
34) Caprolactam	11.657	113	162050	19.561	ng/ul	97
35) 4-Chloro-3-methylphenol	11.999	107	546580	20.338	ng/ul	99
36) 2-Methylnaphthalene	12.369	142	1185972	19.454	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.593	142	1208800	19.116	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.740	216	726623	19.284	ng/ul	98
40) Hexachlorocyclopentadiene	12.710	237	422251	18.627	ng/ul	99
41) 2,4,6-Trichlorophenol	12.981	196	456432	20.592	ng/ul	99
42) 2,4,5-Trichlorophenol	13.051	196	489872	20.309	ng/ul	99
43) 1,1'-Biphenyl	13.381	154	1598909	19.161	ng/ul	100
44) 2-Chloronaphthalene	13.422	162	1275269	18.939	ng/ul	100
45) 2-Nitroaniline	13.634	65	349926	21.475	ng/ul	92
47) Dimethylphthalate	14.004	163	1512720	18.908	ng/ul	100
48) 2,6-Dinitrotoluene	14.128	165	304461	21.976	ng/ul	95
50) Acenaphthylene	14.269	152	1922371	19.679	ng/ul	100
51) 3-Nitroaniline	14.457	138	262575	17.894	ng/ul	97
52) Acenaphthene	14.610	153	1308865	18.720	ng/ul	100
53) 2,4-Dinitrophenol	14.669	184	189658	18.391	ng/ul	95
55) 4-Nitrophenol	14.769	109	204641	18.369	ng/ul	97
56) Dibenzofuran	14.945	168	1852284	18.446	ng/ul	98
57) 2,4-Dinitrotoluene	14.916	165	427475	20.758	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.175	232	421326	20.023	ng/ul	99
59) Diethylphthalate	15.369	149	1440310	19.235	ng/ul	99
61) Fluorene	15.598	166	1498939	18.701	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.592	204	783729	18.724	ng/ul	98
63) 4-Nitroaniline	15.622	138	230907	17.019	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.681	198	281891	19.206	ng/ul	97
67) N-Nitrosodiphenylamine	15.810	169	1251150	19.727	ng/ul	100
68) 4-Bromophenyl-phenylether	16.492	248	488028	20.091	ng/ul	96
69) Hexachlorobenzene	16.610	284	571134	19.500	ng/ul	97
70) Atrazine	16.763	200	478632	19.740	ng/ul	99
71) Pentachlorophenol	16.957	266	333284	19.117	ng/ul	99
72) Phenanthrene	17.351	178	2343824	18.800	ng/ul	100
74) Anthracene	17.445	178	2373421	19.272	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.345	216	707111	19.967	ng/uL	98
76) Pentachlorobenzene	14.863	250	684076	19.839	ng/uL	99
77) Carbazole	17.716	167	2065140	19.360	ng/ul	99
78) Di-n-butylphthalate	18.257	149	2926327	27.973	ng/ul	99
80) Fluoranthene	19.316	202	2799669	19.558	ng/ul	99
82) Pyrene	19.675	202	2914857	19.217	ng/ul	100
83) Butylbenzylphthalate	20.539	149	1084790	23.569	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.316	252	1020717	24.094	ng/ul	98
85) Benzo(a)anthracene	21.386	228	2958738	19.435	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.292	149	1572128	24.522	ng/ul	100
87) Chrysene	21.439	228	2794390	18.833	ng/ul	100
89) Di-n-octyl phthalate	22.239	149	2732200	22.706	ng/ul	100
90) Benzo(b)fluoranthene	23.104	252	3173053	17.872	ng/ul	100
91) Benzo(k)fluoranthene	23.157	252	3186961m	18.812	ng/ul	
93) Benzo(a)pyrene	23.751	252	2882897	18.494	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.427	276	4066364	18.826	ng/ul	99
95) Dibenzo(a,h)anthracene	26.439	278	3362595	18.662	ng/ul	99
96) Benzo(g,h,i)perylene	27.215	276	3342800	18.816	ng/ul	99

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

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