Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101922\
Data File : BP012201.D
Acq On : 19 Oct 2022 12:49
Operator : CG/JU
Sample : SSTD02082
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 19 23:52:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 19 23:49:40 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020647

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	507391	20.000	ng/ul	0.00
20) Naphthalene-d8	10.634	136	2220687	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.481	164	1397878	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	2845805	20.000	ng/ul	0.00
79) Chrysene-d12	21.333	240	2392819	20.000	ng/ul	0.00
88) Perylene-d12	23.739	264	2050502	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	107686	8.147	ng/uL	0.00
4) Pyridine-d5	3.681	84	764883	21.186	ng/ul	0.00
7) Phenol-d5	6.999	99	931848	21.646	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	581930	22.291	ng/ul	0.00
11) 2-Chlorophenol-d4	7.357	132	732271	22.607	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	740719	22.852	ng/ul	0.00
21) Nitrobenzene-d5	8.999	128	366810	23.781	ng/ul	0.00
24) 2-Nitrophenol-d4	9.716	143	397707	24.884	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	739324	23.384	ng/ul	0.00
31) 4-Chloroaniline-d4	10.781	131	1047701	23.269	ng/ul	0.00
46) Dimethylphthalate-d6	13.892	166	2115472	23.296	ng/ul	0.00
49) Acenaphthylene-d8	14.175	160	2494187	23.181	ng/ul	0.00
54) 4-Nitrophenol-d4	14.692	143	396202	23.946	ng/ul	0.00
60) Fluorene-d10	15.475	176	1830223	22.712	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	335639	22.049	ng/ul	0.00
73) Anthracene-d10	17.339	188	2776867	22.538	ng/ul	0.00
81) Pyrene-d10	19.580	212	3008990	24.371	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.586	264	2248346	22.483	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	116231	8.169	ng/uL	100
5) Pyridine	3.699	79	760289	21.209	ng/ul	100
6) Benzaldehyde	6.969	77	515519	25.500	ng/ul	100
8) Phenol	7.022	94	993037	22.120	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.257	93	812845	22.424	ng/ul	100
12) 2-Chlorophenol	7.393	128	791074	22.568	ng/ul	100
13) 2-Methylphenol	8.275	108	749641	22.455	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.363	45	1097685	22.729	ng/ul	100
16) Acetophenone	8.657	105	1203579	23.859	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.646	70	603349	24.885	ng/ul	100
18) 4-Methylphenol	8.610	108	829941	23.099	ng/ul	100
19) Hexachloroethane	8.904	117	307517	21.940	ng/ul	100
22) Nitrobenzene	9.040	77	887992	22.860	ng/ul	100
23) Isophorone	9.569	82	1715429	24.103	ng/ul	100
25) 2-Nitrophenol	9.751	139	453870	24.534	ng/ul	100
26) 2,4-Dimethylphenol	9.810	107	875430	22.793	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.051	93	1103906	22.863	ng/ul	100
29) 2,4-Dichlorophenol	10.281	162	760375	23.129	ng/ul	100
30) Naphthalene	10.681	128	2588783	22.013	ng/ul	100
32) 4-Chloroaniline	10.804	127	1098673	23.604	ng/ul	100
33) Hexachlorobutadiene	10.963	225	468827	22.074	ng/ul	100
34) Caprolactam	11.598	113	228467m	25.381	ng/ul	
35) 4-Chloro-3-methylphenol	11.928	107	820873	24.639	ng/ul	100
36) 2-Methylnaphthalene	12.298	142	1780208	23.272	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.516	142	1771371	23.233	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.663	216	923064	21.366	ng/ul	100
40) Hexachlorocyclopentadiene	12.640	237	443177	19.675	ng/ul	100
41) 2,4,6-Trichlorophenol	12.910	196	611260	22.904	ng/ul	100
42) 2,4,5-Trichlorophenol	12.981	196	660128	23.320	ng/ul	100
43) 1,1'-Biphenyl	13.310	154	2275739	21.628	ng/ul	100
44) 2-Chloronaphthalene	13.351	162	1806155	21.588	ng/ul	100
45) 2-Nitroaniline	13.569	65	495686	25.428	ng/ul	100
47) Dimethylphthalate	13.939	163	2227934	23.307	ng/ul	100
48) 2,6-Dinitrotoluene	14.063	165	442391	26.693	ng/ul	100
50) Acenaphthylene	14.198	152	2734110	22.435	ng/ul	100
51) 3-Nitroaniline	14.392	138	460736	24.826	ng/ul	100
52) Acenaphthene	14.545	153	1910741	21.910	ng/ul	100
53) 2,4-Dinitrophenol	14.604	184	221111	20.330	ng/ul	100
55) 4-Nitrophenol	14.704	109	293923	23.756	ng/ul	100
56) Dibenzofuran	14.881	168	2618910	22.107	ng/ul	100
57) 2,4-Dinitrotoluene	14.851	165	634366	26.582	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.110	232	553006	24.028	ng/ul	100
59) Diethylphthalate	15.310	149	2201627	24.237	ng/ul	100
61) Fluorene	15.533	166	2097461	22.541	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.528	204	1041744	22.937	ng/ul	100
63) 4-Nitroaniline	15.563	138	456064m	27.918	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.622	198	358941	21.839	ng/ul	100
67) N-Nitrosodiphenylamine	15.745	169	1836036	22.115	ng/ul	100
68) 4-Bromophenyl-phenylether	16.428	248	659379	22.760	ng/ul	100
69) Hexachlorobenzene	16.539	284	778536	22.531	ng/ul	100
70) Atrazine	16.704	200	641836	23.800	ng/ul	100
71) Pentachlorophenol	16.886	266	443135	21.675	ng/ul	100
72) Phenanthrene	17.280	178	3368344	21.815	ng/ul	100
74) Anthracene	17.375	178	3395083	22.337	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.275	216	929934	20.292	ng/uL	100
76) Pentachlorobenzene	14.798	250	976317	21.127	ng/uL	100
77) Carbazole	17.651	167	3048632	22.811	ng/ul	100
78) Di-n-butylphthalate	18.198	149	3659429	25.136	ng/ul	100
80) Fluoranthene	19.251	202	3730771	24.348	ng/ul	100
82) Pyrene	19.604	202	3823926	23.749	ng/ul	100
83) Butylbenzylphthalate	20.480	149	1498212	26.537	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.251	252	1145392	21.661	ng/ul	100
85) Benzo(a)anthracene	21.316	228	3389627	22.408	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.239	149	2056338	25.756	ng/ul	100
87) Chrysene	21.368	228	3174119	21.889	ng/ul	100
89) Di-n-octyl phthalate	22.163	149	3189427	27.308	ng/ul	100
90) Benzo(b)fluoranthene	23.004	252	2969675	22.858	ng/ul	100
91) Benzo(k)fluoranthene	23.051	252	3028400	23.530	ng/ul	100
93) Benzo(a)pyrene	23.633	252	2564679	22.334	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.245	276	3014379	20.785	ng/ul	100
95) Dibenzo(a,h)anthracene	26.262	278	2722572	20.794	ng/ul	100
96) Benzo(g,h,i)perylene	27.009	276	2665090	20.318	ng/ul	100

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

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