Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090424\
Data File : BP021814.D
Acq On : 04 Sep 2024 11:15
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 04 12:54:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 29 23:56:59 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020758

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/05/2024
Supervised By :mohammad ahmed 09/07/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	291657	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.557	136	1229104	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.422	164	812741	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.228	188	1809010	20.000	ng/ul	0.00
79) Chrysene-d12	21.674	240	1805832	20.000	ng/ul	0.00
88) Perylene-d12	25.068	264	2111593	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	68663	7.816	ng/uL	0.00
4) Pyridine-d5	3.687	84	508056	19.994	ng/ul	0.00
7) Phenol-d5	6.952	99	599644	19.265	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	326478	19.274	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	398294	19.821	ng/ul	0.00
15) 4-Methylphenol-d8	8.481	113	461742	19.198	ng/ul	0.00
21) Nitrobenzene-d5	8.922	128	195689	19.789	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.640	143	202670	20.191	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.181	165	388196	19.625	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.693	131	562553	19.549	ng/ul	0.00
46) Dimethylphthalate-d6	13.828	166	1218043	19.586	ng/ul	-0.01
49) Acenaphthylene-d8	14.110	160	1341871	19.219	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.622	143	236771	20.012	ng/ul	0.00
60) Fluorene-d10	15.434	176	1009749	19.313	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.551	200	187050	18.800	ng/ul	0.00
73) Anthracene-d10	17.322	188	1639164	19.093	ng/ul	-0.02
81) Pyrene-d10	19.710	212	2021418	19.582	ng/ul	0.02
92) Benzo(a)pyrene-d12	24.851	264	2162630	19.207	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	75156	8.050	ng/uL	97
5) Pyridine	3.705	79	500273	19.702	ng/ul	98
6) Benzaldehyde	6.922	77	375358	23.577	ng/ul	99
8) Phenol	6.975	94	627024	19.320	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.199	93	489703	19.412	ng/ul	100
12) 2-Chlorophenol	7.346	128	426000	20.198	ng/ul	98
13) 2-Methylphenol	8.216	108	448806	19.169	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.293	45	475817	19.541	ng/ul	100
16) Acetophenone	8.587	105	757887	19.655	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.575	70	349741	19.220	ng/ul	98
18) 4-Methylphenol	8.546	108	497052	19.391	ng/ul	99
19) Hexachloroethane	8.852	117	190088	20.156	ng/ul	96
22) Nitrobenzene	8.963	77	541336	19.632	ng/ul	99
23) Isophorone	9.493	82	1047855	18.938	ng/ul	100
25) 2-Nitrophenol	9.675	139	228031	20.504	ng/ul	99
26) 2,4-Dimethylphenol	9.740	107	543069	19.896	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.963	93	659262	18.999	ng/ul	97
29) 2,4-Dichlorophenol	10.210	162	391460	19.695	ng/ul	99
30) Naphthalene	10.604	128	1348558	19.467	ng/ul	100
32) 4-Chloroaniline	10.716	127	567387	19.529	ng/ul	98
33) Hexachlorobutadiene	10.893	225	253926	19.040	ng/ul	98
34) Caprolactam	11.487	113	158051	18.804	ng/ul	99
35) 4-Chloro-3-methylphenol	11.846	107	526496	20.013	ng/ul	98
36) 2-Methylnaphthalene	12.222	142	910152	19.425	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.445	142	920455	19.531	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.587	216	489899	19.125	ng/ul	99
40) Hexachlorocyclopentadiene	12.569	237	264888	18.021	ng/ul	99
41) 2,4,6-Trichlorophenol	12.834	196	319487	19.371	ng/ul	99
42) 2,4,5-Trichlorophenol	12.904	196	346554	19.460	ng/ul	97
43) 1,1'-Biphenyl	13.234	154	1181792	19.219	ng/ul	99
44) 2-Chloronaphthalene	13.275	162	932423	19.340	ng/ul	99
45) 2-Nitroaniline	13.481	65	311650	20.634	ng/ul	96
47) Dimethylphthalate	13.869	163	1216048	19.528	ng/ul	99
48) 2,6-Dinitrotoluene	13.975	165	235720	20.525	ng/ul	99
50) Acenaphthylene	14.140	152	1458729	19.426	ng/ul	99
51) 3-Nitroaniline	14.310	138	260575	20.764	ng/ul	96
52) Acenaphthene	14.487	153	1030301	19.510	ng/ul	99
53) 2,4-Dinitrophenol	14.528	184	118067	17.172	ng/ul	94
55) 4-Nitrophenol	14.634	109	226209	20.881	ng/ul	95
56) Dibenzofuran	14.828	168	1426195	19.521	ng/ul	99
57) 2,4-Dinitrotoluene	14.787	165	364046	21.095	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.063	232	305236	19.894	ng/ul	99
59) Diethylphthalate	15.251	149	1251216	20.009	ng/ul	99
61) Fluorene	15.481	166	1174180	19.870	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.487	204	576167	19.405	ng/ul	100
63) 4-Nitroaniline	15.504	138	281635	23.220	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.563	198	214050	19.232	ng/ul#	94
67) N-Nitrosodiphenylamine	15.704	169	1020712	19.180	ng/ul	98
68) 4-Bromophenyl-phenylether	16.404	248	371489	18.602	ng/ul	98
69) Hexachlorobenzene	16.516	284	426171	17.976	ng/ul	95
70) Atrazine	16.681	200	390089	19.324	ng/ul	99
71) Pentachlorophenol	16.863	266	267379	17.622	ng/ul	99
72) Phenanthrene	17.263	178	1889879	19.029	ng/ul	98
74) Anthracene	17.357	178	1933102	19.213	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.204	216	495195	18.412	ng/uL	97
76) Pentachlorobenzene	14.751	250	503815	18.073	ng/uL	98
77) Carbazole	17.645	167	1817798	20.088	ng/ul	100
78) Di-n-butylphthalate	18.233	149	2215808	20.116	ng/ul	100
80) Fluoranthene	19.363	202	2332174	19.360	ng/ul	98
82) Pyrene	19.745	202	2499981	19.595	ng/ul	98
83) Butylbenzylphthalate	20.680	149	1080395	20.683	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.580	252	873011	19.183	ng/ul	98
85) Benzo(a)anthracene	21.657	228	2518300	19.604	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.604	149	1590183	20.625	ng/ul	98
87) Chrysene	21.727	228	2364766	19.561	ng/ul	99
89) Di-n-octyl phthalate	22.910	149	2747268	20.554	ng/ul	100
90) Benzo(b)fluoranthene	23.998	252	2595194	19.642	ng/ul	99
91) Benzo(k)fluoranthene	24.074	252	2508763	19.395	ng/ul	99
93) Benzo(a)pyrene	24.921	252	2356904	19.362	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.933	276	2959722m	18.858	ng/ul	
95) Dibenzo(a,h)anthracene	29.015	278	2390210m	18.952	ng/ul	
96) Benzo(g,h,i)perylene	30.127	276	2289885	18.883	ng/ul	99

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

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