Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012425\
Data File : BP023718.D
Acq On : 24 Jan 2025 17:19
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 24 22:40:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 23 00:03:00 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020776

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/27/2025
Supervised By :mohammad ahmed 01/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	541096	20.000	ng/ul	0.00
20) Naphthalene-d8	10.569	136	2289525	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.410	164	1393288	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.210	188	2751467	20.000	ng/ul	0.00
79) Chrysene-d12	21.645	240	2878090	20.000	ng/ul	0.00
88) Perylene-d12	25.033	264	2759723	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	113401	8.441	ng/uL	0.00
4) Pyridine-d5	3.705	84	803813	20.734	ng/ul	0.00
7) Phenol-d5	6.952	99	937721	20.481	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	555660	21.486	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	742836	21.341	ng/ul	0.00
15) 4-Methylphenol-d8	8.481	113	737535	20.485	ng/ul	0.00
21) Nitrobenzene-d5	8.934	128	357818	20.743	ng/ul	0.00
24) 2-Nitrophenol-d4	9.652	143	320980	20.296	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.187	165	700316	21.067	ng/ul	0.00
31) 4-Chloroaniline-d4	10.693	131	1081457	20.343	ng/ul	0.00
46) Dimethylphthalate-d6	13.816	166	2075089	20.709	ng/ul	0.00
49) Acenaphthylene-d8	14.104	160	2499593	21.554	ng/ul	0.00
54) 4-Nitrophenol-d4	14.592	143	397187	19.728	ng/ul	-0.01
60) Fluorene-d10	15.422	176	1818608	21.202	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.528	200	234215	17.286	ng/ul	0.00
73) Anthracene-d10	17.310	188	2877215	21.781	ng/ul	0.00
81) Pyrene-d10	19.675	212	3265284	22.296	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.804	264	2987468	21.627	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	118565	8.343	ng/uL	95
5) Pyridine	3.722	79	821502	20.961	ng/ul	98
6) Benzaldehyde	6.940	77	619617	26.928	ng/ul	99
8) Phenol	6.981	94	993310	20.733	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.216	93	786007	21.089	ng/ul	97
12) 2-Chlorophenol	7.358	128	778217	21.090	ng/ul	98
13) 2-Methylphenol	8.222	108	708966	20.392	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.305	45	852252	22.046	ng/ul	100
16) Acetophenone	8.599	105	1233294	21.330	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.587	70	571452	21.362	ng/ul	99
18) 4-Methylphenol	8.540	108	806570	20.866	ng/ul	99
19) Hexachloroethane	8.863	117	316096	20.960	ng/ul	98
22) Nitrobenzene	8.975	77	854246	21.196	ng/ul	99
23) Isophorone	9.499	82	1572666	20.516	ng/ul	100
25) 2-Nitrophenol	9.681	139	388143	20.905	ng/ul	98
26) 2,4-Dimethylphenol	9.740	107	811802	21.095	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.975	93	1031650	20.769	ng/ul	99
29) 2,4-Dichlorophenol	10.210	162	721243	20.987	ng/ul	100
30) Naphthalene	10.616	128	2585769	20.986	ng/ul	99
32) 4-Chloroaniline	10.716	127	1037168	20.436	ng/ul	99
33) Hexachlorobutadiene	10.910	225	440009	20.340	ng/ul	100
34) Caprolactam	11.469	113	242665	19.250	ng/ul	98
35) 4-Chloro-3-methylphenol	11.840	107	733565	20.606	ng/ul	99
36) 2-Methylnaphthalene	12.228	142	1736029	20.865	ng/ul	100

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37) 1-Methylnaphthalene	12.446	142	1712726	20.592	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.593	216	879668	21.256	ng/ul	100
40) Hexachlorocyclopentadiene	12.581	237	407423	19.322	ng/ul	98
41) 2,4,6-Trichlorophenol	12.828	196	527050	21.661	ng/ul	99
42) 2,4,5-Trichlorophenol	12.898	196	576265	21.443	ng/ul	98
43) 1,1'-Biphenyl	13.240	154	2242021	21.386	ng/ul	100
44) 2-Chloronaphthalene	13.275	162	1749796	21.438	ng/ul	99
45) 2-Nitroaniline	13.475	65	421986	21.770	ng/ul	96
47) Dimethylphthalate	13.863	163	2095478	20.831	ng/ul	100
48) 2,6-Dinitrotoluene	13.975	165	374124	20.852	ng/ul	99
50) Acenaphthylene	14.134	152	2707894	21.536	ng/ul	100
51) 3-Nitroaniline	14.304	138	451482	21.562	ng/ul	98
52) Acenaphthene	14.475	153	1907793	21.459	ng/ul	100
53) 2,4-Dinitrophenol	14.510	184	138394	15.711	ng/ul	100
55) 4-Nitrophenol	14.610	109	308223	20.861	ng/ul	97
56) Dibenzofuran	14.816	168	2580491	21.103	ng/ul	99
57) 2,4-Dinitrotoluene	14.769	165	573207	21.354	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.040	232	462541	20.957	ng/ul	96
59) Diethylphthalate	15.251	149	2063557	20.857	ng/ul	99
61) Fluorene	15.481	166	2187677	21.469	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.475	204	1046455	20.981	ng/ul	99
63) 4-Nitroaniline	15.481	138	491373	23.065	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.545	198	273521	17.950	ng/ul	99
67) N-Nitrosodiphenylamine	15.681	169	1798845	21.768	ng/ul	99
68) 4-Bromophenyl-phenylether	16.381	248	614850	20.872	ng/ul	98
69) Hexachlorobenzene	16.492	284	740533	20.658	ng/ul	97
70) Atrazine	16.657	200	622322	20.416	ng/ul	99
71) Pentachlorophenol	16.845	266	419414	19.369	ng/ul	98
72) Phenanthrene	17.251	178	3351126	21.557	ng/ul	100
74) Anthracene	17.339	178	3400926	22.024	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.204	216	858430	21.505	ng/uL	99
76) Pentachlorobenzene	14.740	250	903809	21.314	ng/uL	100
77) Carbazole	17.622	167	3071994	22.650	ng/ul	100
78) Di-n-butylphthalate	18.222	149	3419982	22.160	ng/ul	99
80) Fluoranthene	19.328	202	3767184	22.623	ng/ul	100
82) Pyrene	19.698	202	4128738	22.828	ng/ul	99
83) Butylbenzylphthalate	20.663	149	1384085	21.220	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.551	252	983052	19.354	ng/ul	99
85) Benzo(a)anthracene	21.627	228	3926314	21.519	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.592	149	2072210	21.304	ng/ul	99
87) Chrysene	21.698	228	3667000	21.467	ng/ul	100
89) Di-n-octyl phthalate	22.892	149	2909813	21.033	ng/ul	100
90) Benzo(b)fluoranthene	23.963	252	3494356	21.314	ng/ul	99
91) Benzo(k)fluoranthene	24.033	252	3685346	21.806	ng/ul	100
93) Benzo(a)pyrene	24.868	252	3353935	21.737	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.868	276	4049764m	21.117	ng/ul	
95) Dibenzo(a,h)anthracene	28.968	278	3281726	21.064	ng/ul	100
96) Benzo(g,h,i)perylene	30.068	276	3104797m	21.046	ng/ul	

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

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