Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020223\
Data File : BP013758.D
Acq On : 04 Feb 2023 01:44
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 60 Sample Multiplier: 1

Quant Time: Feb 04 03:38:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 03 23:44:43 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020754

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2023
Supervised By :mohammad ahmed 02/06/2023

02/06/2023
Supervised By :mohammad ahmed

02/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	303994	20.000	ng/ul	0.00
20) Naphthalene-d8	10.957	136	1322415	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.763	164	941012	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.516	188	2324930	20.000	ng/ul	0.00
79) Chrysene-d12	21.598	240	2546231	20.000	ng/ul	0.00
88) Perylene-d12	24.162	264	2791826	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.475	96	58757	8.195	ng/uL	0.00
4) Pyridine-d5	3.905	84	439320	21.354	ng/ul	0.00
7) Phenol-d5	7.275	99	549797	20.578	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	325790	20.791	ng/ul	0.00
11) 2-Chlorophenol-d4	7.657	132	407976	20.831	ng/ul	0.00
15) 4-Methylphenol-d8	8.834	113	444731	20.880	ng/ul	0.00
21) Nitrobenzene-d5	9.304	128	194461	23.051	ng/ul	0.00
24) 2-Nitrophenol-d4	10.028	143	226708	23.060	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	487043	21.185	ng/ul	0.00
31) 4-Chloroaniline-d4	11.093	131	633372	20.859	ng/ul	0.00
46) Dimethylphthalate-d6	14.169	166	1534763	20.691	ng/ul	0.00
49) Acenaphthylene-d8	14.463	160	1724240	21.039	ng/ul	0.00
54) 4-Nitrophenol-d4	14.945	143	246228	19.694	ng/ul	0.00
60) Fluorene-d10	15.757	176	1370962	21.443	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	242085	18.581	ng/ul	0.00
73) Anthracene-d10	17.616	188	2258347	20.839	ng/ul	0.00
81) Pyrene-d10	19.833	212	2854285	20.099	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.998	264	2944907	20.663	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.511	88	60728	8.127	ng/uL	95
5) Pyridine	3.928	79	436351	21.064	ng/ul	99
6) Benzaldehyde	7.257	77	237486m	22.169	ng/ul	
8) Phenol	7.305	94	565631	20.687	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.540	93	467018	21.255	ng/ul	97
12) 2-Chlorophenol	7.687	128	419834	21.159	ng/ul	99
13) 2-Methylphenol	8.569	108	427236	20.465	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.663	45	537497	20.662	ng/ul	99
16) Acetophenone	8.963	105	712817	21.468	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.940	70	355257	21.358	ng/ul	99
18) 4-Methylphenol	8.899	108	475415	20.968	ng/ul	98
19) Hexachloroethane	9.222	117	161465	20.789	ng/ul	99
22) Nitrobenzene	9.346	77	504744	22.152	ng/ul	98
23) Isophorone	9.875	82	1044499	20.023	ng/ul	99
25) 2-Nitrophenol	10.063	139	243392	22.375	ng/ul	95
26) 2,4-Dimethylphenol	10.110	107	522893	21.275	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.351	93	651496	20.608	ng/ul	98
29) 2,4-Dichlorophenol	10.598	162	475809	21.385	ng/ul	98
30) Naphthalene	11.010	128	1455029	20.818	ng/ul	99
32) 4-Chloroaniline	11.116	127	651570	21.322	ng/ul	100
33) Hexachlorobutadiene	11.293	225	337579	21.513	ng/ul	98
34) Caprolactam	11.893	113	149775	19.909	ng/ul	94
35) 4-Chloro-3-methylphenol	12.222	107	493858	20.723	ng/ul	100
36) 2-Methylnaphthalene	12.604	142	1039163	20.887	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.822	142	1069896	21.293	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.969	216	692907	22.291	ng/ul	98
40) Hexachlorocyclopentadiene	12.945	237	346152	19.806	ng/ul	99
41) 2,4,6-Trichlorophenol	13.204	196	438178	21.280	ng/ul	99
42) 2,4,5-Trichlorophenol	13.275	196	480402	21.407	ng/ul	98
43) 1,1'-Biphenyl	13.598	154	1481366	20.792	ng/ul	99
44) 2-Chloronaphthalene	13.645	162	1178449	20.907	ng/ul	100
45) 2-Nitroaniline	13.845	65	269881	25.152	ng/ul	98
47) Dimethylphthalate	14.216	163	1522368	20.832	ng/ul	99
48) 2,6-Dinitrotoluene	14.334	165	271969	26.115	ng/ul	99
50) Acenaphthylene	14.492	152	1809854	20.943	ng/ul	100
51) 3-Nitroaniline	14.669	138	235735	21.415	ng/ul	99
52) Acenaphthene	14.828	153	1200470	20.214	ng/ul	99
53) 2,4-Dinitrophenol	14.869	184	119018	14.714	ng/ul	96
55) 4-Nitrophenol	14.963	109	183382	19.241	ng/ul	99
56) Dibenzofuran	15.163	168	1846679	21.407	ng/ul	97
57) 2,4-Dinitrotoluene	15.122	165	402745	24.622	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.386	232	456470	21.643	ng/ul	97
59) Diethylphthalate	15.575	149	1448758	20.651	ng/ul	99
61) Fluorene	15.810	166	1517390	21.615	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.798	204	830980	21.727	ng/ul	98
63) 4-Nitroaniline	15.828	138	226585	21.983	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.881	198	241579	18.631	ng/ul	100
67) N-Nitrosodiphenylamine	16.016	169	1299744	20.712	ng/ul	99
68) 4-Bromophenyl-phenylether	16.698	248	546844	20.674	ng/ul	99
69) Hexachlorobenzene	16.816	284	648474	20.897	ng/ul	99
70) Atrazine	16.963	200	516903	20.466	ng/ul	99
71) Pentachlorophenol	17.163	266	391503	19.765	ng/ul	97
72) Phenanthrene	17.563	178	2565324	20.889	ng/ul	99
74) Anthracene	17.651	178	2588038	20.807	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.569	216	682806	20.615	ng/uL	99
76) Pentachlorobenzene	15.081	250	707920	20.848	ng/uL	99
77) Carbazole	17.916	167	2286835	21.192	ng/ul	100
78) Di-n-butylphthalate	18.445	149	2521864	19.779	ng/ul	100
80) Fluoranthene	19.510	202	3278843	19.809	ng/ul	99
82) Pyrene	19.863	202	3435317	20.299	ng/ul	98
83) Butylbenzylphthalate	20.716	149	1062513	21.853	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.498	252	1115192	19.283	ng/ul	98
85) Benzo(a)anthracene	21.580	228	3612369	20.636	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.474	149	1661510	19.931	ng/ul	99
87) Chrysene	21.633	228	3432447	20.827	ng/ul	99
89) Di-n-octyl phthalate	22.457	149	2878669	19.574	ng/ul	100
90) Benzo(b)fluoranthene	23.368	252	3783356	20.759	ng/ul	100
91) Benzo(k)fluoranthene	23.421	252	3700725	21.246	ng/ul	99
93) Benzo(a)pyrene	24.051	252	3290787	20.915	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.874	276	3929209	20.156	ng/ul	98
95) Dibenzo(a,h)anthracene	26.886	278	3280248	20.298	ng/ul	100
96) Benzo(g,h,i)perylene	27.703	276	3103415	20.124	ng/ul	99

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

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