Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053123\
Data File : BP015370.D
Acq On : 31 May 2023 21:38
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 31 23:40:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 31 14:24:45 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020734

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	213002	20.000	ng/ul	0.00
20) Naphthalene-d8	10.934	136	953034	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.745	164	622189	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.504	188	1417222	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	1338029	20.000	ng/ul	0.00
88) Perylene-d12	24.133	264	1437021	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	40048	7.305	ng/uL	0.00
4) Pyridine-d5	3.852	84	288243	18.549	ng/ul	0.00
7) Phenol-d5	7.258	99	364549	18.433	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.422	67	220319	19.289	ng/ul	0.00
11) 2-Chlorophenol-d4	7.628	132	278429	19.148	ng/ul	0.00
15) 4-Methylphenol-d8	8.822	113	300259	19.053	ng/ul	0.00
21) Nitrobenzene-d5	9.281	128	149133	19.914	ng/ul	0.00
24) 2-Nitrophenol-d4	10.010	143	174622	20.956	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.552	165	307618	20.458	ng/ul	0.00
31) 4-Chloroaniline-d4	11.069	131	428019	19.239	ng/ul	0.00
46) Dimethylphthalate-d6	14.151	166	949768	20.201	ng/ul	0.00
49) Acenaphthylene-d8	14.440	160	1066789	19.839	ng/ul	0.00
54) 4-Nitrophenol-d4	14.945	143	171514	18.787	ng/ul	0.00
60) Fluorene-d10	15.740	176	801878	20.212	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	178368	19.971	ng/ul	0.00
73) Anthracene-d10	17.604	188	1260307	19.421	ng/ul	0.00
81) Pyrene-d10	19.822	212	1474164	18.996	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.969	264	1381716	19.369	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.452	88	44149	7.495	ng/uL#	95
5) Pyridine	3.875	79	298173	18.450	ng/ul	94
6) Benzaldehyde	7.234	77	136450	25.102	ng/ul	98
8) Phenol	7.287	94	378979	18.688	ng/ul#	89
10) Bis(2-Chloroethyl)ether	7.522	93	303707	18.719	ng/ul	97
12) 2-Chlorophenol	7.664	128	291103	18.927	ng/ul	97
13) 2-Methylphenol	8.552	108	295484	18.852	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.640	45	396909	19.526	ng/ul	99
16) Acetophenone	8.940	105	486660	19.787	ng/ul#	92
17) N-Nitroso-di-n-propyla...	8.922	70	257010	19.924	ng/ul	91
18) 4-Methylphenol	8.881	108	321501	18.636	ng/ul	96
19) Hexachloroethane	9.193	117	124521	19.828	ng/ul	86
22) Nitrobenzene	9.322	77	385889	20.863	ng/ul	95
23) Isophorone	9.852	82	746132	19.626	ng/ul#	98
25) 2-Nitrophenol	10.040	139	185875	20.342	ng/ul#	84
26) 2,4-Dimethylphenol	10.099	107	374018	20.512	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.334	93	436656	18.877	ng/ul	98
29) 2,4-Dichlorophenol	10.575	162	305391	20.107	ng/ul	99
30) Naphthalene	10.987	128	988242	19.073	ng/ul	99
32) 4-Chloroaniline	11.099	127	441668	19.316	ng/ul	100
33) Hexachlorobutadiene	11.263	225	203703	22.253	ng/ul	98
34) Caprolactam	11.881	113	109649m	19.149	ng/ul	
35) 4-Chloro-3-methylphenol	12.210	107	357546	20.849	ng/ul	95
36) 2-Methylnaphthalene	12.581	142	682713	19.556	ng/ul	98

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37) 1-Methylnaphthalene	12.799	142	692547	19.754	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.946	216	389337	20.923	ng/ul	99
40) Hexachlorocyclopentadiene	12.922	237	252359	20.931	ng/ul	99
41) 2,4,6-Trichlorophenol	13.187	196	267341	20.346	ng/ul	96
42) 2,4,5-Trichlorophenol	13.263	196	285393	20.032	ng/ul	99
43) 1,1'-Biphenyl	13.581	154	947069	19.619	ng/ul	99
44) 2-Chloronaphthalene	13.628	162	748063	19.843	ng/ul	98
45) 2-Nitroaniline	13.834	65	247494	22.944	ng/ul	88
47) Dimethylphthalate	14.198	163	978975	19.994	ng/ul	99
48) 2,6-Dinitrotoluene	14.328	165	209906	21.638	ng/ul	100
50) Acenaphthylene	14.469	152	1171171	19.520	ng/ul	99
51) 3-Nitroaniline	14.657	138	172993	19.805	ng/ul	94
52) Acenaphthene	14.810	153	809152	19.746	ng/ul	98
53) 2,4-Dinitrophenol	14.869	184	161461	25.068	ng/ul#	87
55) 4-Nitrophenol	14.963	109	169534	25.248	ng/ul#	78
56) Dibenzofuran	15.145	168	1131665	19.855	ng/ul	97
57) 2,4-Dinitrotoluene	15.116	165	302490	21.549	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.369	232	257444	21.411	ng/ul	99
59) Diethylphthalate	15.557	149	1000331	20.483	ng/ul	100
61) Fluorene	15.798	166	921019	20.108	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.781	204	463439	20.707	ng/ul	94
63) 4-Nitroaniline	15.816	138	150917	20.007	ng/ul#	82
66) 4,6-Dinitro-2-methylph...	15.881	198	182288	19.776	ng/ul#	99
67) N-Nitrosodiphenylamine	15.998	169	796557	19.115	ng/ul	99
68) 4-Bromophenyl-phenylether	16.681	248	301225	20.635	ng/ul	97
69) Hexachlorobenzene	16.804	284	355479	20.607	ng/ul	98
70) Atrazine	16.951	200	321869	20.897	ng/ul	98
71) Pentachlorophenol	17.151	266	221759	20.551	ng/ul	98
72) Phenanthrene	17.545	178	1482919	19.215	ng/ul	99
74) Anthracene	17.639	178	1501316	19.238	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.551	216	401528	19.982	ng/uL	99
76) Pentachlorobenzene	15.063	250	410369	20.339	ng/uL	98
77) Carbazole	17.904	167	1365271	19.951	ng/ul	100
78) Di-n-butylphthalate	18.434	149	1739997	19.745	ng/ul	99
80) Fluoranthene	19.498	202	1822292	19.266	ng/ul	96
82) Pyrene	19.851	202	1858309	19.025	ng/ul	96
83) Butylbenzylphthalate	20.704	149	833337	19.245	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.486	252	626963	21.335	ng/ul	98
85) Benzo(a)anthracene	21.563	228	1820456	19.677	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.457	149	1225413	19.657	ng/ul	99
87) Chrysene	21.622	228	1714224	19.383	ng/ul	98
89) Di-n-octyl phthalate	22.427	149	2117290	21.513	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	1861095	20.429	ng/ul	99
91) Benzo(k)fluoranthene	23.398	252	1722486	19.691	ng/ul	98
93) Benzo(a)pyrene	24.021	252	1530599	19.008	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.839	276	1810965	17.369	ng/ul	96
95) Dibenzo(a,h)anthracene	26.851	278	1503522	17.567	ng/ul	97
96) Benzo(g,h,i)perylene	27.674	276	1458176	17.151	ng/ul	96

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

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