Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015720.D
Acq On : 26 Jun 2023 18:27
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020766

Quant Time: Jun 27 02:40:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 27 00:56:58 2023
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	138079	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	601849	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	387353	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	867164	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	765759	20.000	ng/ul	0.00
88) Perylene-d12	24.121	264	810272	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	32622	8.500	ng/uL	0.00
4) Pyridine-d5	3.828	84	203341	21.019	ng/ul	0.00
7) Phenol-d5	7.228	99	255144	21.596	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	159340	21.800	ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	194202	21.776	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	206374	22.112	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	99811	21.700	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	115014	21.425	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	207926	21.735	ng/ul	0.00
31) 4-Chloroaniline-d4	11.040	131	282881	23.020	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	662021	22.112	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	724447	21.525	ng/ul	0.00
54) 4-Nitrophenol-d4	14.945	143	87051	22.033	ng/ul	0.00
60) Fluorene-d10	15.704	176	540477	21.924	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	110490	20.718	ng/ul	0.00
73) Anthracene-d10	17.575	188	845186	21.337	ng/ul	0.00
81) Pyrene-d10	19.804	212	964981	19.299	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.951	264	848348	20.755	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	35243	8.533	ng/uL	98
5) Pyridine	3.852	79	212743	21.021	ng/ul	97
6) Benzaldehyde	7.205	77	104619	21.903	ng/ul	96
8) Phenol	7.258	94	263648	21.505	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.481	93	215337	22.076	ng/ul	99
12) 2-Chlorophenol	7.622	128	205088	21.646	ng/ul	96
13) 2-Methylphenol	8.522	108	202698	21.898	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.599	45	297363	22.320	ng/ul	100
16) Acetophenone	8.905	105	345848	22.542	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.881	70	191361	22.457	ng/ul	96
18) 4-Methylphenol	8.852	108	221623	22.284	ng/ul	98
19) Hexachloroethane	9.146	117	94773	21.657	ng/ul	98
22) Nitrobenzene	9.287	77	274991	21.290	ng/ul	98
23) Isophorone	9.816	82	533665	21.590	ng/ul	98
25) 2-Nitrophenol	10.005	139	122338	21.473	ng/ul	99
26) 2,4-Dimethylphenol	10.063	107	271248	21.658	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.293	93	302998	21.715	ng/ul	99
29) 2,4-Dichlorophenol	10.552	162	205986	21.659	ng/ul	99
30) Naphthalene	10.940	128	692044	21.152	ng/ul	99
32) 4-Chloroaniline	11.069	127	292875	22.939	ng/ul	99
33) Hexachlorobutadiene	11.210	225	150526	20.958	ng/ul	100
34) Caprolactam	11.857	113	69112m	23.757	ng/ul	
35) 4-Chloro-3-methylphenol	12.193	107	244867	21.996	ng/ul	98
36) 2-Methylnaphthalene	12.546	142	469526	21.800	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.763	142	471545	21.461	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.916	216	269939	21.147	ng/ul	97
40) Hexachlorocyclopentadiene	12.875	237	66390	17.386	ng/ul	99
41) 2,4,6-Trichlorophenol	13.163	196	171388	21.246	ng/ul	97
42) 2,4,5-Trichlorophenol	13.246	196	184340	21.544	ng/ul	96
43) 1,1'-Biphenyl	13.545	154	646580	21.074	ng/ul	99
44) 2-Chloronaphthalene	13.593	162	517534	21.413	ng/ul	99
45) 2-Nitroaniline	13.816	65	172065	22.625	ng/ul	98
47) Dimethylphthalate	14.163	163	685236	22.115	ng/ul	99
48) 2,6-Dinitrotoluene	14.304	165	141769	22.556	ng/ul	97
50) Acenaphthylene	14.440	152	796537	21.479	ng/ul	99
51) 3-Nitroaniline	14.645	138	105774	21.461	ng/ul	94
52) Acenaphthene	14.775	153	548083	21.313	ng/ul	98
53) 2,4-Dinitrophenol	14.869	184	62981	18.888	ng/ul	95
55) 4-Nitrophenol	14.957	109	89772	21.926	ng/ul	96
56) Dibenzofuran	15.116	168	768397	21.525	ng/ul	100
57) 2,4-Dinitrotoluene	15.104	165	199195	23.257	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.345	232	164414	22.371	ng/ul	99
59) Diethylphthalate	15.522	149	713406	22.752	ng/ul	99
61) Fluorene	15.763	166	631156	21.798	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.751	204	322627	21.775	ng/ul	99
63) 4-Nitroaniline	15.816	138	73407m	21.761	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.875	198	114353	21.193	ng/ul	99
67) N-Nitrosodiphenylamine	15.969	169	544719	20.983	ng/ul	99
68) 4-Bromophenyl-phenylether	16.651	248	208188	21.024	ng/ul	93
69) Hexachlorobenzene	16.775	284	242346	20.741	ng/ul	99
70) Atrazine	16.928	200	221785	22.319	ng/ul	98
71) Pentachlorophenol	17.134	266	103787m	18.507	ng/ul	
72) Phenanthrene	17.516	178	1002530	21.281	ng/ul	99
74) Anthracene	17.610	178	1019531	21.538	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.516	216	277116	19.639	ng/uL	99
76) Pentachlorobenzene	15.034	250	282520	19.838	ng/uL	99
77) Carbazole	17.886	167	897138	22.486	ng/ul	99
78) Di-n-butylphthalate	18.404	149	1243879	23.517	ng/ul	99
80) Fluoranthene	19.475	202	1195951	19.245	ng/ul	99
82) Pyrene	19.833	202	1226290	19.345	ng/ul	100
83) Butylbenzylphthalate	20.680	149	562032	21.732	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.474	252	387891	22.408	ng/ul	97
85) Benzo(a)anthracene	21.545	228	1152315	21.392	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	806216	22.684	ng/ul	99
87) Chrysene	21.604	228	1100867	21.540	ng/ul	99
89) Di-n-octyl phthalate	22.398	149	1321651	22.319	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	1095606	21.044	ng/ul	99
91) Benzo(k)fluoranthene	23.380	252	1113041	21.159	ng/ul	97
93) Benzo(a)pyrene	24.004	252	957784	21.054	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.815	276	1145054	18.541	ng/ul	99
95) Dibenzo(a,h)anthracene	26.833	278	937544	18.483	ng/ul	99
96) Benzo(g,h,i)perylene	27.662	276	915807	18.026	ng/ul	99

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

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