Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050422\
Data File : BP010237.D
Acq On : 04 May 2022 23:03
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020789

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/05/2022
Supervised By :mohammad ahmed 05/09/2022

Quant Time: May 05 02:42:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 03 00:58:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	165312	20.000	ng/ul	0.00
20) Naphthalene-d8	10.722	136	730488	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.546	164	490433	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.298	188	1019658	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.380	240	708533	20.000	ng/ul	#-0.01
88) Perylene-d12	23.822	264	611380	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	31251m	8.244	ng/uL	0.00
4) Pyridine-d5	3.770	84	207813	19.486	ng/ul	0.00
7) Phenol-d5	7.081	99	294969	19.617	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.246	67	193602	21.457	ng/ul	0.00
11) 2-Chlorophenol-d4	7.446	132	235868	21.181	ng/ul	-0.01
15) 4-Methylphenol-d8	8.628	113	243274	19.527	ng/ul	0.00
21) Nitrobenzene-d5	9.075	128	120980	20.823	ng/ul	0.00
24) 2-Nitrophenol-d4	9.799	143	133868	21.098	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.340	165	252176	20.415	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.857	131	342753	19.352	ng/ul	0.00
46) Dimethylphthalate-d6	13.957	166	787416	20.640	ng/ul	0.00
49) Acenaphthylene-d8	14.240	160	970869	21.027	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.746	143	118922m	16.932	ng/ul	0.00
60) Fluorene-d10	15.540	176	672225	20.484	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.663	200	110614	17.156	ng/ul	0.00
73) Anthracene-d10	17.398	188	1004576	20.364	ng/ul	-0.01
81) Pyrene-d10	19.628	212	1045434	25.945	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.663	264	677257	21.130	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	30621	7.773	ng/uL#	33
5) Pyridine	3.793	79	218572	19.716	ng/ul#	41
6) Benzaldehyde	7.052	77	182901m	22.761	ng/ul	
8) Phenol	7.105	94	301729	19.971	ng/ul#	93
10) Bis(2-Chloroethyl)ether	7.334	93	249196	21.408	ng/ul#	77
12) 2-Chlorophenol	7.481	128	235531	20.968	ng/ul	94
13) 2-Methylphenol	8.358	108	228677	19.735	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.446	45	379805	21.989	ng/ul#	84
16) Acetophenone	8.740	105	384613	19.787	ng/ul#	79
17) N-Nitroso-di-n-propyla...	8.728	70	208853	20.508	ng/ul#	74
18) 4-Methylphenol	8.687	108	253235	19.849	ng/ul	91
19) Hexachloroethane	8.999	117	99673	21.117	ng/ul	83
22) Nitrobenzene	9.116	77	301543	21.184	ng/ul#	83
23) Isophorone	9.646	82	571561	20.329	ng/ul#	97
25) 2-Nitrophenol	9.834	139	141428	21.045	ng/ul#	80
26) 2,4-Dimethylphenol	9.893	107	294669	20.253	ng/ul#	78
27) Bis(2-Chloroethoxy)met...	10.128	93	351726	21.344	ng/ul#	97
29) 2,4-Dichlorophenol	10.369	162	244349	20.578	ng/ul#	84
30) Naphthalene	10.769	128	806647	21.098	ng/ul	96
32) 4-Chloroaniline	10.881	127	342678	19.634	ng/ul	96
33) Hexachlorobutadiene	11.063	225	174400	20.723	ng/ul	97
34) Caprolactam	11.646	113	76431m	17.894	ng/ul	
35) 4-Chloro-3-methylphenol	12.004	107	279038m	19.453	ng/ul	
36) 2-Methylnaphthalene	12.381	142	563569	20.324	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.599	142	573038	20.353	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.746	216	325651	21.492	ng/ul#	93
40) Hexachlorocyclopentadiene	12.728	237	161939	18.965	ng/ul	94
41) 2,4,6-Trichlorophenol	12.987	196	204738	20.884	ng/ul#	82
42) 2,4,5-Trichlorophenol	13.057	196	219093	20.540	ng/ul#	86
43) 1,1'-Biphenyl	13.381	154	779455	21.548	ng/ul#	94
44) 2-Chloronaphthalene	13.428	162	602160	21.511	ng/ul	94
45) 2-Nitroaniline	13.628	65	185126	20.395	ng/ul#	83
47) Dimethylphthalate	14.004	163	756778	20.411	ng/ul#	93
48) 2,6-Dinitrotoluene	14.122	165	159817	21.004	ng/ul	95
50) Acenaphthylene	14.269	152	967699	21.159	ng/ul	96
51) 3-Nitroaniline	14.451	138	94021	13.641	ng/ul#	81
52) Acenaphthene	14.610	153	626902	21.080	ng/ul	98
53) 2,4-Dinitrophenol	14.657	184	59040	13.886	ng/ul#	77
55) 4-Nitrophenol	14.757	109	97613	15.997	ng/ul#	40
56) Dibenzofuran	14.945	168	914762	20.773	ng/ul	99
57) 2,4-Dinitrotoluene	14.910	165	221659	19.941	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.175	232	187504	19.776	ng/ul#	86
59) Diethylphthalate	15.369	149	776771	20.597	ng/ul	94
61) Fluorene	15.598	166	741827	20.517	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.593	204	391494	20.574	ng/ul	99
63) 4-Nitroaniline	15.610	138	83289m	12.418	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.675	198	109630	17.624	ng/ul#	91
67) N-Nitrosodiphenylamine	15.804	169	639332	21.853	ng/ul	94
68) 4-Bromophenyl-phenylether	16.487	248	233427	21.462	ng/ul	96
69) Hexachlorobenzene	16.610	284	262302	20.778	ng/ul#	91
70) Atrazine	16.757	200	239921	20.171	ng/ul#	88
71) Pentachlorophenol	16.951	266	138139m	17.182	ng/ul	
72) Phenanthrene	17.345	178	1141492	20.597	ng/ul	99
74) Anthracene	17.434	178	1150974	20.619	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.351	216	343700	23.089	ng/uL#	87
76) Pentachlorobenzene	14.869	250	322414	22.087	ng/uL	91
77) Carbazole	17.704	167	941128	19.052	ng/ul#	95
78) Di-n-butylphthalate	18.257	149	1264366	20.805	ng/ul#	92
80) Fluoranthene	19.310	202	1233607	27.142	ng/ul	96
82) Pyrene	19.657	202	1215402	25.956	ng/ul	97
83) Butylbenzylphthalate	20.528	149	474271	24.503	ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.298	252	218178	17.114	ng/ul#	95
85) Benzo(a)anthracene	21.369	228	949777	21.122	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.292	149	659436	22.987	ng/ul#	82
87) Chrysene	21.422	228	956782	21.610	ng/ul	99
89) Di-n-octyl phthalate	22.227	149	954386	20.080	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	859041	20.900	ng/ul	100
91) Benzo(k)fluoranthene	23.127	252	828339	21.276	ng/ul#	97
93) Benzo(a)pyrene	23.716	252	808009	21.259	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.368	276	854203	22.592	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.386	278	740700	22.894	ng/ul#	93
96) Benzo(g,h,i)perylene	27.151	276	745133	23.356	ng/ul#	89

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

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