Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022522\
Data File : BP009235.D
Acq On : 25 Feb 2022 15:14
Operator : CG/JU
Sample : SSTD01051
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 25 23:45:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP022522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 25 23:39:41 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD010602

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2022
Supervised By :mohammad ahmed 03/02/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	2573	20.000	ng/ul	0.00
20) Naphthalene-d8	10.622	136	9250	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.469	164	6975	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.228	188	15683	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.339	240	19829	20.000	ng/ul	# 0.00
88) Perylene-d12	23.751	264	22757	20.000	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	384m	6.727	ng/uL	0.00
4) Pyridine-d5	3.722	84	1757	10.998	ng/ul	0.00
7) Phenol-d5	6.993	99	2422	11.800	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	1224	10.499	ng/ul	0.00
11) 2-Chlorophenol-d4	7.352	132	1474	9.027	ng/ul	-0.01
15) 4-Methylphenol-d8	8.534	113	1839	11.168	ng/ul	0.00
21) Nitrobenzene-d5	8.975	128	648	9.900	ng/ul	0.00
24) 2-Nitrophenol-d4	9.699	143	870	14.496	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.240	165	1696m	11.512	ng/ul	0.00
31) 4-Chloroaniline-d4	10.751	131	2094	10.297	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	5021	9.743	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	6463	10.030	ng/ul	0.00
54) 4-Nitrophenol-d4	14.645	143	846	10.356	ng/ul	0.00
60) Fluorene-d10	15.463	176	4891	10.931	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	945	13.688	ng/ul	0.00
73) Anthracene-d10	17.322	188	7969	10.723	ng/ul	0.00
81) Pyrene-d10	19.575	212	9772	8.224	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.586	264	11916	10.174	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	345	5.590	ng/uL#	48
5) Pyridine	3.740	79	1506	9.188	ng/ul#	80
6) Benzaldehyde	6.963	77	1578m	13.487	ng/ul	
8) Phenol	7.016	94	2536	12.024	ng/ul#	84
10) Bis(2-Chloroethyl)ether	7.258	93	1918	11.363	ng/ul#	84
12) 2-Chlorophenol	7.387	128	1648	9.670	ng/ul#	78
13) 2-Methylphenol	8.269	108	1990	12.178	ng/ul	90
14) 2,2'-oxybis(1-Chloropr...	8.375	45	894m	4.598	ng/ul	
16) Acetophenone	8.646	105	3263	12.810	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.640	70	1467	11.571	ng/ul#	86
18) 4-Methylphenol	8.587	108	2043	11.678	ng/ul	90
19) Hexachloroethane	8.905	117	932	13.434	ng/ul#	61
22) Nitrobenzene	9.022	77	1991	13.183	ng/ul#	82
23) Isophorone	9.552	82	4197	13.251	ng/ul#	94
25) 2-Nitrophenol	9.734	139	733	10.613	ng/ul	94
26) 2,4-Dimethylphenol	9.799	107	2758	16.897	ng/ul#	80
27) Bis(2-Chloroethoxy)met...	10.046	93	2638	13.325	ng/ul	99
29) 2,4-Dichlorophenol	10.269	162	1661	11.240	ng/ul#	71
30) Naphthalene	10.669	128	4904	10.016	ng/ul	96
32) 4-Chloroaniline	10.775	127	1959	9.500	ng/ul	90
33) Hexachlorobutadiene	10.969	225	1531m	14.943	ng/ul	
34) Caprolactam	11.534	113	590m	14.013	ng/ul	
35) 4-Chloro-3-methylphenol	11.910	107	2503	17.277	ng/ul#	80
36) 2-Methylnaphthalene	12.293	142	3141	9.066	ng/ul	89

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37) 1-Methylnaphthalene	12.504	142	3293	9.336	ng/ul	91
39) 1,2,4,5-Tetrachloroben...	12.657	216	2751	12.219	ng/ul#	93
40) Hexachlorocyclopentadiene	12.651	237	2145	14.236	ng/ul#	73
41) 2,4,6-Trichlorophenol	12.898	196	1647	12.883	ng/ul	97
42) 2,4,5-Trichlorophenol	12.957	196	1557	11.192	ng/ul	87
43) 1,1'-Biphenyl	13.298	154	5036	9.314	ng/ul	91
44) 2-Chloronaphthalene	13.340	162	3629	8.705	ng/ul	95
45) 2-Nitroaniline	13.528	65	1051m	12.543	ng/ul	
47) Dimethylphthalate	13.928	163	4988	9.701	ng/ul#	89
48) 2,6-Dinitrotoluene	14.034	165	1021	11.171	ng/ul#	84
50) Acenaphthylene	14.187	152	6289	9.538	ng/ul#	93
51) 3-Nitroaniline	14.363	138	855m	9.078	ng/ul	
52) Acenaphthene	14.528	153	4192	9.736	ng/ul#	86
53) 2,4-Dinitrophenol	14.563	184	791m	20.504	ng/ul	
55) 4-Nitrophenol	14.663	109	1093	19.244	ng/ul	96
56) Dibenzofuran	14.869	168	6535	10.380	ng/ul	96
57) 2,4-Dinitrotoluene	14.828	165	1540	12.178	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.092	232	1601	14.814	ng/ul#	98
59) Diethylphthalate	15.304	149	4998	9.952	ng/ul#	94
61) Fluorene	15.522	166	5123	10.214	ng/ul	89
62) 4-Chlorophenyl-phenyle...	15.522	204	3018	11.343	ng/ul	91
63) 4-Nitroaniline	15.516	138	974	11.283	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.592	198	879	12.033	ng/ul#	63
67) N-Nitrosodiphenylamine	15.728	169	4185	8.726	ng/ul#	86
68) 4-Bromophenyl-phenylether	16.416	248	2132	11.853	ng/ul	86
69) Hexachlorobenzene	16.534	284	2295	10.959	ng/ul#	86
70) Atrazine	16.692	200	1908	10.484	ng/ul#	84
71) Pentachlorophenol	16.875	266	1662	15.527	ng/ul#	84
72) Phenanthrene	17.269	178	8144	9.428	ng/ul	97
74) Anthracene	17.363	178	8419	9.720	ng/ul#	95
75) 1,2,3,4-Tetrachloroben...	13.263	216	2774	10.427	ng/uL	90
76) Pentachlorobenzene	14.787	250	2763	11.313	ng/uL	96
77) Carbazole	17.628	167	6852	9.284	ng/ul#	93
78) Di-n-butylphthalate	18.204	149	8905	10.333	ng/ul	95
80) Fluoranthene	19.245	202	11111	7.865	ng/ul#	88
82) Pyrene	19.598	202	11288	7.930	ng/ul	96
83) Butylbenzylphthalate	20.492	149	4320	8.954	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.251	252	4985	11.869	ng/ul#	83
85) Benzo(a)anthracene	21.322	228	12102	9.454	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.269	149	6560	8.958	ng/ul	93
87) Chrysene	21.374	228	12708m	10.282	ng/ul	
89) Di-n-octyl phthalate	22.204	149	12229	8.439	ng/ul	100
90) Benzo(b)fluoranthene	23.010	252	14233m	9.438	ng/ul	
91) Benzo(k)fluoranthene	23.063	252	12434m	8.543	ng/ul	
93) Benzo(a)pyrene	23.639	252	13407	9.288	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.257	276	16789	10.547	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.274	278	13672	9.899	ng/ul	93
96) Benzo(g,h,i)perylene	27.027	276	14085m	10.706	ng/ul	

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

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