Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050222\
Data File : BP010214.D
Acq On : 03 May 2022 19:31
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: May 04 01:24:34 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

Instrument :
BNA_P
ClientSampleId :
SSTD020786

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	138921	20.000	ng/ul	0.00
20) Naphthalene-d8	10.722	136	556454	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.551	164	340765	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.304	188	681223	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.386	240	637396	20.000	ng/ul	# 0.00
88) Perylene-d12	23.827	264	604545	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	27990	8.786	ng/uL	0.00
4) Pyridine-d5	3.775	84	174019	19.417	ng/ul	0.00
7) Phenol-d5	7.081	99	235471	18.635	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.246	67	156891	20.692	ng/ul	0.00
11) 2-Chlorophenol-d4	7.451	132	188625	20.156	ng/ul	0.00
15) 4-Methylphenol-d8	8.628	113	184441	17.617	ng/ul	0.00
21) Nitrobenzene-d5	9.075	128	93809	21.196	ng/ul	0.00
24) 2-Nitrophenol-d4	9.804	143	100144	20.719	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.345	165	186888	19.861	ng/ul	0.00
31) 4-Chloroaniline-d4	10.857	131	243117	18.019	ng/ul	0.00
46) Dimethylphthalate-d6	13.957	166	532854	20.102	ng/ul	0.00
49) Acenaphthylene-d8	14.239	160	673918	21.006	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.745	143	76989	15.776	ng/ul	0.00
60) Fluorene-d10	15.539	176	450593	19.761	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.663	200	75612	17.554	ng/ul	0.00
73) Anthracene-d10	17.404	188	677633	20.561	ng/ul	0.00
81) Pyrene-d10	19.633	212	778390	21.473	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.668	264	667158	21.050	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	27493	8.305	ng/uL#	11
5) Pyridine	3.793	79	183012	19.645	ng/ul#	47
6) Benzaldehyde	7.057	77	146387	21.678	ng/ul	96
8) Phenol	7.110	94	236792	18.650	ng/ul#	94
10) Bis(2-Chloroethyl)ether	7.340	93	200324	20.479	ng/ul#	78
12) 2-Chlorophenol	7.481	128	192142	20.355	ng/ul	95
13) 2-Methylphenol	8.363	108	177857	18.265	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.451	45	304340	20.967	ng/ul#	85
16) Acetophenone	8.740	105	299344	18.326	ng/ul#	78
17) N-Nitroso-di-n-propyla...	8.728	70	158089	18.473	ng/ul#	72
18) 4-Methylphenol	8.693	108	192278	17.934	ng/ul	96
19) Hexachloroethane	9.004	117	83062	20.941	ng/ul	82
22) Nitrobenzene	9.122	77	230960	21.300	ng/ul#	86
23) Isophorone	9.651	82	415057	19.380	ng/ul#	97
25) 2-Nitrophenol	9.834	139	107763	21.051	ng/ul#	82
26) 2,4-Dimethylphenol	9.893	107	222011	20.031	ng/ul#	81
27) Bis(2-Chloroethoxy)met...	10.128	93	264405	21.063	ng/ul#	98
29) 2,4-Dichlorophenol	10.369	162	180236	19.926	ng/ul#	83
30) Naphthalene	10.775	128	617668	21.208	ng/ul	97
32) 4-Chloroaniline	10.881	127	239304	17.999	ng/ul	96
33) Hexachlorobutadiene	11.063	225	139938	21.829	ng/ul	92
34) Caprolactam	11.651	113	48844m	15.012	ng/ul	
35) 4-Chloro-3-methylphenol	12.004	107	187575	17.166	ng/ul#	65
36) 2-Methylnaphthalene	12.381	142	415137	19.654	ng/ul	89

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.598	142	415154	19.357	ng/ul#	93
39)	1,2,4,5-Tetrachloroben...	12.751	216	240007	22.797	ng/ul	94
40)	Hexachlorocyclopentadiene	12.734	237	125533	21.158	ng/ul	97
41)	2,4,6-Trichlorophenol	12.986	196	141957	20.840	ng/ul#	85
42)	2,4,5-Trichlorophenol	13.057	196	149649	20.192	ng/ul#	87
43)	1,1'-Biphenyl	13.386	154	557223	22.171	ng/ul	93
44)	2-Chloronaphthalene	13.428	162	426483	21.927	ng/ul	93
45)	2-Nitroaniline	13.628	65	120155	19.052	ng/ul#	79
47)	Dimethylphthalate	14.004	163	506920	19.677	ng/ul#	92
48)	2,6-Dinitrotoluene	14.122	165	101906	19.275	ng/ul	96
50)	Acenaphthylene	14.269	152	665152	20.931	ng/ul	96
51)	3-Nitroaniline	14.451	138	58435m	12.201	ng/ul	
52)	Acenaphthene	14.616	153	431429	20.879	ng/ul	96
53)	2,4-Dinitrophenol	14.663	184	42633	14.431	ng/ul#	79
55)	4-Nitrophenol	14.763	109	66357	15.651	ng/ul#	44
56)	Dibenzofuran	14.951	168	626647	20.480	ng/ul	100
57)	2,4-Dinitrotoluene	14.910	165	141185	18.280	ng/ul#	83
58)	2,3,4,6-Tetrachlorophenol	15.175	232	124272	18.863	ng/ul#	84
59)	Diethylphthalate	15.369	149	515483	19.672	ng/ul	93
61)	Fluorene	15.598	166	504359	20.076	ng/ul	90
62)	4-Chlorophenyl-phenyle...	15.592	204	267684	20.246	ng/ul	98
63)	4-Nitroaniline	15.616	138	57717m	12.385	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.675	198	75508	18.169	ng/ul#	87
67)	N-Nitrosodiphenylamine	15.804	169	425630	21.776	ng/ul	95
68)	4-Bromophenyl-phenylether	16.486	248	158558	21.821	ng/ul	97
69)	Hexachlorobenzene	16.610	284	179265	21.255	ng/ul#	89
70)	Atrazine	16.763	200	155132	19.522	ng/ul#	91
71)	Pentachlorophenol	16.957	266	98682m	18.372	ng/ul	
72)	Phenanthrene	17.345	178	776324	20.967	ng/ul	99
74)	Anthracene	17.433	178	775389	20.791	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.351	216	247825	24.919	ng/uL#	88
76)	Pentachlorobenzene	14.875	250	222319	22.796	ng/uL	90
77)	Carbazole	17.704	167	651056	19.728	ng/ul#	95
78)	Di-n-butylphthalate	18.257	149	840965	20.713	ng/ul#	92
80)	Fluoranthene	19.310	202	884307	21.628	ng/ul	97
82)	Pyrene	19.663	202	915183	21.726	ng/ul#	95
83)	Butylbenzylphthalate	20.527	149	368492	21.163	ng/ul#	80
84)	3,3'-Dichlorobenzidine	21.298	252	218933	19.089	ng/ul#	96
85)	Benzo(a)anthracene	21.368	228	843106	20.843	ng/ul	95
86)	Bis(2-ethylhexyl)phtha...	21.292	149	540380	20.939	ng/ul#	81
87)	Chrysene	21.421	228	847945	21.289	ng/ul	99
89)	Di-n-octyl phthalate	22.227	149	878749	18.698	ng/ul	100
90)	Benzo(b)fluoranthene	23.080	252	836056	20.571	ng/ul	100
91)	Benzo(k)fluoranthene	23.127	252	823223	21.383	ng/ul#	98
93)	Benzo(a)pyrene	23.715	252	801679	21.331	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	26.368	276	884457	23.657	ng/ul#	96
95)	Dibenzo(a,h)anthracene	26.386	278	760826	23.782	ng/ul#	94
96)	Benzo(g,h,i)perylene	27.150	276	758798	24.053	ng/ul#	91

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

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