Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051022\
Data File : BP010275.D
Acq On : 10 May 2022 20:47
Operator : CG/JU
Sample : PB144591BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 11 01:19:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051022.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 10 15:59:46 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS591

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

05/11/2022

Supervised By :mohammad ahmed

05/12/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	112206	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.710	136	515996	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.540	164	368098	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.292	188	841404	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.374	240	904250	20.000	ng/ul	#-0.01
88) Perylene-d12	23.804	264	935332	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	14854m	5.624	ng/uL	0.00
4) Pyridine-d5	3.764	84	200724	27.309	ng/ul	0.00
7) Phenol-d5	7.075	99	279653	26.834	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	183127	28.405	ng/ul	0.00
11) 2-Chlorophenol-d4	7.440	132	218345	28.448	ng/ul	0.00
15) 4-Methylphenol-d8	8.616	113	239490	27.952	ng/ul	0.00
21) Nitrobenzene-d5	9.069	128	113225	27.367	ng/ul	0.00
24) 2-Nitrophenol-d4	9.793	143	126224	26.758	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	235901	27.475	ng/ul	0.00
31) 4-Chloroaniline-d4	10.846	131	304205	24.000	ng/ul	-0.01
46) Dimethylphthalate-d6	13.951	166	825236	28.141	ng/ul	0.00
49) Acenaphthylene-d8	14.234	160	917243	26.235	ng/ul	0.00
54) 4-Nitrophenol-d4	14.740	143	155738	27.687	ng/ul	0.00
60) Fluorene-d10	15.534	176	698654	28.224	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.651	200	153480	26.637	ng/ul	-0.01
73) Anthracene-d10	17.392	188	1149894	27.907	ng/ul	-0.01
81) Pyrene-d10	19.622	212	1413015	28.277	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.651	264	1457363	29.217	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	30084	11.143	ng/uL#	15
5) Pyridine	3.787	79	208364	27.047	ng/ul#	35
6) Benzaldehyde	7.046	77	184993	32.122	ng/ul	97
8) Phenol	7.099	94	296513	28.221	ng/ul#	90
10) Bis(2-Chloroethyl)ether	7.328	93	231411	28.146	ng/ul#	76
12) 2-Chlorophenol	7.475	128	224291	29.097	ng/ul	94
13) 2-Methylphenol	8.352	108	223920	28.078	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.434	45	381940	29.533	ng/ul#	82
16) Acetophenone	8.734	105	370083	27.634	ng/ul#	79
17) N-Nitroso-di-n-propyla...	8.722	70	200797	28.701	ng/ul#	70
18) 4-Methylphenol	8.681	108	248714	28.505	ng/ul	96
19) Hexachloroethane	8.993	117	93938	28.583	ng/ul	82
22) Nitrobenzene	9.110	77	296772	28.258	ng/ul#	83
23) Isophorone	9.640	82	573299	27.872	ng/ul#	97
25) 2-Nitrophenol	9.822	139	134626	27.781	ng/ul#	85
26) 2,4-Dimethylphenol	9.887	107	286333	27.672	ng/ul#	79
27) Bis(2-Chloroethoxy)met...	10.122	93	333113	27.596	ng/ul#	97
29) 2,4-Dichlorophenol	10.357	162	237841	28.358	ng/ul#	86
30) Naphthalene	10.763	128	755554	27.443	ng/ul	97
32) 4-Chloroaniline	10.869	127	301818	23.860	ng/ul	98
33) Hexachlorobutadiene	11.051	225	161195	28.064	ng/ul	97
34) Caprolactam	11.646	113	89166	27.903	ng/ul#	1
35) 4-Chloro-3-methylphenol	11.999	107	291804	28.913	ng/ul#	73
36) 2-Methylnaphthalene	12.369	142	538660	27.632	ng/ul	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.587	142	566926	28.609	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.740	216	313482	27.703	ng/ul	93
40) Hexachlorocyclopentadiene	12.722	237	168348	26.688	ng/ul	93
41) 2,4,6-Trichlorophenol	12.975	196	211339	28.478	ng/ul	85
42) 2,4,5-Trichlorophenol	13.051	196	232605	28.760	ng/ul#	86
43) 1,1'-Biphenyl	13.375	154	772808	28.104	ng/ul	94
44) 2-Chloronaphthalene	13.416	162	594116	27.895	ng/ul	93
45) 2-Nitroaniline	13.616	65	213283	29.581	ng/ul#	77
47) Dimethylphthalate	13.998	163	818063	28.752	ng/ul#	93
48) 2,6-Dinitrotoluene	14.116	165	171005	29.455	ng/ul	97
50) Acenaphthylene	14.263	152	985244	28.169	ng/ul	95
51) 3-Nitroaniline	14.440	138	159960	31.492	ng/ul#	84
52) Acenaphthene	14.604	153	637545	28.158	ng/ul	97
53) 2,4-Dinitrophenol	14.651	184	100269	26.394	ng/ul#	80
55) 4-Nitrophenol	14.751	109	140021	29.351	ng/ul#	50
56) Dibenzofuran	14.940	168	944563	28.510	ng/ul	99
57) 2,4-Dinitrotoluene	14.904	165	259465	30.547	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.169	232	208621	29.061	ng/ul#	87
59) Diethylphthalate	15.363	149	848305	28.882	ng/ul	93
61) Fluorene	15.587	166	792214	28.869	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.581	204	405176	28.561	ng/ul	95
63) 4-Nitroaniline	15.604	138	185260m	36.910	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.669	198	156653	27.908	ng/ul#	90
67) N-Nitrosodiphenylamine	15.792	169	700826	28.335	ng/ul	95
68) 4-Bromophenyl-phenylether	16.481	248	249352	28.055	ng/ul	93
69) Hexachlorobenzene	16.598	284	291837	28.390	ng/ul#	89
70) Atrazine	16.751	200	285494	28.571	ng/ul	91
71) Pentachlorophenol	16.945	266	189321	27.746	ng/ul#	84
72) Phenanthrene	17.334	178	1321601	28.488	ng/ul	99
74) Anthracene	17.428	178	1343146	28.547	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.340	216	321589	26.122	ng/uL#	85
76) Pentachlorobenzene	14.863	250	320552	27.233	ng/uL	92
77) Carbazole	17.692	167	1208953	28.478	ng/ul#	95
78) Di-n-butylphthalate	18.245	149	1532118	28.556	ng/ul#	93
80) Fluoranthene	19.298	202	1659610	29.210	ng/ul	97
82) Pyrene	19.651	202	1715439	29.170	ng/ul#	95
83) Butylbenzylphthalate	20.522	149	724048	28.910	ng/ul#	79
84) 3,3'-Dichlorobenzidine	21.286	252	581416	30.083	ng/ul#	97
85) Benzo(a)anthracene	21.357	228	1721791	29.127	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.280	149	1075980	28.475	ng/ul#	81
87) Chrysene	21.410	228	1688778	28.825	ng/ul	99
89) Di-n-octyl phthalate	22.216	149	1865764	29.633	ng/ul	100
90) Benzo(b)fluoranthene	23.069	252	1875720	30.535	ng/ul	99
91) Benzo(k)fluoranthene	23.116	252	1720139	29.677	ng/ul#	97
93) Benzo(a)pyrene	23.704	252	1793370	30.137	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.357	276	2017387	30.670	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.368	278	1747029	31.066	ng/ul#	95
96) Benzo(g,h,i)perylene	27.133	276	1718849	30.941	ng/ul#	92

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

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