Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062422\
Data File : BP010810.D
Acq On : 25 Jun 2022 00:37
Operator : CG/JU
Sample : N3374-02MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 25 03:00:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 24 22:42:26 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
EW4S6MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :mohammad ahmed 06/29/2022

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06/29/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.722	152	334006	20.000	ng/ul		0.00
20) Naphthalene-d8	10.528	136	16143962m	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.381	164	688604	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.145	188	1339004	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.257	240	1347606	20.000	ng/ul	#	0.00
88) Perylene-d12	23.627	264	1494424	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.211	96	48167	5.455	ng/uL		0.00
4) Pyridine-d5	3.640	84	270653m	11.515	ng/ul		0.04
7) Phenol-d5	6.899	99	236586	8.948	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.064	67	539209	31.183	ng/ul		0.00
11) 2-Chlorophenol-d4	7.258	132	658829	30.034	ng/ul		0.00
15) 4-Methylphenol-d8	8.434	113	443122	21.201	ng/ul		0.00
21) Nitrobenzene-d5	8.881	128	332056m	3.231	ng/ul		0.00
24) 2-Nitrophenol-d4	9.605	143	373317	4.391	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.140	165	619868	2.951	ng/ul		0.00
31) 4-Chloroaniline-d4	10.716	131	697570	2.034	ng/ul		0.06
46) Dimethylphthalate-d6	13.816	166	1575010	33.390	ng/ul		0.02
49) Acenaphthylene-d8	14.075	160	2002896	33.270	ng/ul		0.00
54) 4-Nitrophenol-d4	14.593	143	96793	13.138	ng/ul		0.01
60) Fluorene-d10	15.381	176	1399350	34.570	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.499	200	259433	58.480	ng/ul		0.00
73) Anthracene-d10	17.240	188	2104277	35.322	ng/ul		0.00
81) Pyrene-d10	19.492	212	2370016	32.281	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.475	264	2597155	35.169	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	89507	9.506	ng/uL	#	70
5) Pyridine	3.664	79	312311m	13.117	ng/ul		
6) Benzaldehyde	6.870	77	502118	35.992	ng/ul		95
8) Phenol	6.934	94	8906166	314.942	ng/ul	#	86
10) Bis(2-Chloroethyl)ether	7.158	93	697049	30.691	ng/ul		88
12) 2-Chlorophenol	7.287	128	658179	29.067	ng/ul		92
13) 2-Methylphenol	8.169	108	503094	23.897	ng/ul		99
14) 2,2'-oxybis(1-Chloropr...	8.258	45	883273	28.986	ng/ul	#	97
16) Acetophenone	8.552	105	214409	6.680	ng/ul	#	88
18) 4-Methylphenol	8.499	108	931879	42.504	ng/ul		100
19) Hexachloroethane	8.799	117	256890	28.013	ng/ul	#	83
22) Nitrobenzene	8.922	77	718970	2.803	ng/ul	#	90
25) 2-Nitrophenol	9.634	139	408109	3.964	ng/ul	#	80
26) 2,4-Dimethylphenol	9.711	107	3854547m	13.702	ng/ul		
27) Bis(2-Chloroethoxy)met...	9.958	93	874924	2.579	ng/ul	#	94
29) 2,4-Dichlorophenol	10.169	162	605538	2.774	ng/ul		98
30) Naphthalene	10.569	128	1925297	2.288	ng/ul		99
32) 4-Chloroaniline	10.734	127	659537	1.941	ng/ul		98
33) Hexachlorobutadiene	10.863	225	294085	2.109	ng/ul		96
34) Caprolactam	11.505	113	358249	5.224	ng/ul	#	11
35) 4-Chloro-3-methylphenol	11.963	107	38388059	162.248	ng/ul	#	22
36) 2-Methylnaphthalene	12.199	142	1243097	2.282	ng/ul		99
37) 1-Methylnaphthalene	12.416	142	1268574	2.344	ng/ul	#	98
39) 1,2,4,5-Tetrachloroben...	12.563	216	571848	28.899	ng/ul		99

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Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 25 03:00:38 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Hexachlorocyclopentadiene	12.546	237	299500	23.886	ng/ul	95
41) 2,4,6-Trichlorophenol	12.810	196	488049	42.779	ng/ul	98
42) 2,4,5-Trichlorophenol	12.881	196	518284	42.335	ng/ul	99
43) 1,1'-Biphenyl	13.216	154	1598219	29.482	ng/ul#	98
44) 2-Chloronaphthalene	13.252	162	720342	17.640	ng/ul#	1
45) 2-Nitroaniline	13.481	65	402358	46.440	ng/ul#	77
47) Dimethylphthalate	13.857	163	1555237	32.923	ng/ul	98
48) 2,6-Dinitrotoluene	13.969	165	326963	46.195	ng/ul	90
50) Acenaphthylene	14.104	152	2052936	31.137	ng/ul	98
51) 3-Nitroaniline	14.293	138	327038	38.541	ng/ul	87
52) Acenaphthene	14.446	153	1468271	34.513	ng/ul	98
53) 2,4-Dinitrophenol	14.493	184	154697	56.932	ng/ul#	84
55) 4-Nitrophenol	14.610	109	83898	14.321	ng/ul#	83
56) Dibenzofuran	14.781	168	1897141	32.556	ng/ul	97
57) 2,4-Dinitrotoluene	14.751	165	455900	48.205	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	15.010	232	380243	43.372	ng/ul#	91
59) Diethylphthalate	15.222	149	1665443	35.462	ng/ul	99
61) Fluorene	15.434	166	1546053	33.273	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.434	204	727155	33.430	ng/ul	97
63) 4-Nitroaniline	15.463	138	349721	44.576	ng/ul#	76
66) 4,6-Dinitro-2-methylph...	15.510	198	257805	53.779	ng/ul#	86
67) N-Nitrosodiphenylamine	15.651	169	1346222	33.194	ng/ul	98
68) 4-Bromophenyl-phenylether	16.334	248	433873	32.332	ng/ul	97
69) Hexachlorobenzene	16.434	284	479509	30.850	ng/ul	95
70) Atrazine	16.640	200	262797	19.544	ng/ul	97
71) Pentachlorophenol	16.787	266	200751	25.083	ng/ul	95
72) Phenanthrene	17.187	178	2379012	33.363	ng/ul	98
74) Anthracene	17.275	178	2440479	34.029	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.169	216	610610	27.635	ng/uL	97
76) Pentachlorobenzene	14.699	250	569053	30.029	ng/uL	99
77) Carbazole	17.551	167	2580336	39.971	ng/ul	98
78) Di-n-butylphthalate	18.128	149	2882649	37.472	ng/ul	99
80) Fluoranthene	19.163	202	2728505	30.218	ng/ul#	87
82) Pyrene	19.516	202	2831445	31.050	ng/ul#	84
83) Butylbenzylphthalate	20.416	149	1390544	43.323	ng/ul	98
85) Benzo(a)anthracene	21.239	228	2825037	33.519	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.186	149	2016462	39.672	ng/ul#	98
87) Chrysene	21.292	228	2695443	33.374	ng/ul	100
89) Di-n-octyl phthalate	22.110	149	3543119	39.943	ng/ul	100
90) Benzo(b)fluoranthene	22.904	252	3139718	33.784	ng/ul#	97
91) Benzo(k)fluoranthene	22.951	252	2966908	33.587	ng/ul#	95
93) Benzo(a)pyrene	23.522	252	2752288	30.444	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.092	276	3779152	34.643	ng/ul#	90
95) Dibenzo(a,h)anthracene	26.116	278	3134138	33.494	ng/ul#	92
96) Benzo(g,h,i)perylene	26.845	276	3066779	33.049	ng/ul#	89

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

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