Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP011937.D
Acq On : 05 Oct 2022 19:05
Operator : CG/JU
Sample : N4859-20MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E10042MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/06/2022
Supervised By :mohammad ahmed 10/10/2022

Quant Time: Oct 05 23:23:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 05 23:18:55 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	243452	20.000	ng/ul	0.00
20) Naphthalene-d8	10.692	136	1011828	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.527	164	611434	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.286	188	1289070	20.000	ng/ul	0.00
79) Chrysene-d12	21.374	240	1311561	20.000	ng/ul	0.00
88) Perylene-d12	23.798	264	1326415	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	24840	4.500	ng/uL	0.00
4) Pyridine-d5	3.728	84	90538	5.599	ng/ul	0.00
7) Phenol-d5	7.045	99	152992	7.279	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	355628	30.527	ng/ul	0.00
11) 2-Chlorophenol-d4	7.410	132	414152	24.962	ng/ul	0.00
15) 4-Methylphenol-d8	8.592	113	292042	16.809	ng/ul	0.00
21) Nitrobenzene-d5	9.051	128	263423	34.180	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143	260752	31.623	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	474377	31.104	ng/ul	0.00
31) 4-Chloroaniline-d4	10.834	131	547196m	23.534	ng/ul	0.00
46) Dimethylphthalate-d6	13.939	166	1714925	39.222	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	1838933	36.893	ng/ul	0.00
54) 4-Nitrophenol-d4	14.733	143	78156	8.632	ng/ul	0.00
60) Fluorene-d10	15.521	176	1488713	39.206	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	293732	37.647	ng/ul	0.00
73) Anthracene-d10	17.386	188	2474028	42.133	ng/ul	0.00
81) Pyrene-d10	19.621	212	2915863	43.898	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.645	264	2920510	43.984	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	28872	4.843	ng/uL	98
5) Pyridine	3.752	79	99146	6.318	ng/ul	95
6) Benzaldehyde	7.022	77	382613	41.558	ng/ul	98
8) Phenol	7.075	94	164755	7.558	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.304	93	483783	27.891	ng/ul	98
12) 2-Chlorophenol	7.445	128	409111	23.065	ng/ul	99
13) 2-Methylphenol	8.328	108	323075	18.811	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.416	45	473583	27.695	ng/ul	98
16) Acetophenone	8.710	105	740311	27.948	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.692	70	327969	26.306	ng/ul	99
18) 4-Methylphenol	8.657	108	302157	15.968	ng/ul	99
19) Hexachloroethane	8.963	117	197641	29.876	ng/ul	97
22) Nitrobenzene	9.092	77	524220	31.627	ng/ul	100
23) Isophorone	9.622	82	971274	28.886	ng/ul	99
25) 2-Nitrophenol	9.804	139	274419	29.139	ng/ul	98
26) 2,4-Dimethylphenol	9.863	107	469180	26.520	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.104	93	639353	29.472	ng/ul	100
29) 2,4-Dichlorophenol	10.339	162	449182	28.424	ng/ul	98
30) Naphthalene	10.739	128	1683402	30.975	ng/ul	99
32) 4-Chloroaniline	10.857	127	460277	19.350	ng/ul	99
33) Hexachlorobutadiene	11.022	225	288355	30.827	ng/ul	98
34) Caprolactam	11.657	113	19678m	3.518	ng/ul	
35) 4-Chloro-3-methylphenol	11.975	107	460044	27.456	ng/ul	99
36) 2-Methylnaphthalene	12.351	142	1141935	30.088	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.569	142	1159839	30.456	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.716	216	590144	33.282	ng/ul	99
40) Hexachlorocyclopentadiene	12.698	237	271580	26.810	ng/ul	100
41) 2,4,6-Trichlorophenol	12.957	196	397482	33.487	ng/ul	97
42) 2,4,5-Trichlorophenol	13.028	196	445500	34.456	ng/ul	99
43) 1,1'-Biphenyl	13.363	154	1493305	33.019	ng/ul	100
44) 2-Chloronaphthalene	13.404	162	1201892	33.614	ng/ul	100
45) 2-Nitroaniline	13.616	65	324850	37.219	ng/ul	97
47) Dimethylphthalate	13.986	163	1629715	35.566	ng/ul	100
48) 2,6-Dinitrotoluene	14.110	165	336425	37.672	ng/ul	99
50) Acenaphthylene	14.251	152	2086046	37.682	ng/ul	100
51) 3-Nitroaniline	14.439	138	330536	31.933	ng/ul	95
52) Acenaphthene	14.592	153	2761521	70.704	ng/ul	100
53) 2,4-Dinitrophenol	14.645	184	191855	31.688	ng/ul	98
55) 4-Nitrophenol	14.745	109	51550	8.434	ng/ul	93
56) Dibenzofuran	14.927	168	1893749	35.400	ng/ul	98
57) 2,4-Dinitrotoluene	14.892	165	497970	38.149	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.157	232	407153	36.249	ng/ul	97
59) Diethylphthalate	15.351	149	1659079	36.140	ng/ul	100
61) Fluorene	15.580	166	2002399	45.701	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.574	204	767280	35.374	ng/ul	99
63) 4-Nitroaniline	15.604	138	392378	39.725	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.657	198	286916	34.711	ng/ul	96
67) N-Nitrosodiphenylamine	15.792	169	1423660	37.439	ng/ul	99
68) 4-Bromophenyl-phenylether	16.474	248	488321	37.242	ng/ul	98
69) Hexachlorobenzene	16.586	284	563798	37.785	ng/ul	100
70) Atrazine	16.751	200	408731	29.789	ng/ul	99
71) Pentachlorophenol	16.933	266	352812	35.951	ng/ul	98
72) Phenanthrene	17.327	178	2731923	38.563	ng/ul	99
74) Anthracene	17.421	178	2773199	38.907	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.327	216	631492	35.492	ng/uL	97
76) Pentachlorobenzene	14.845	250	608001	31.979	ng/uL	98
77) Carbazole	17.692	167	2613328	40.579	ng/ul	99
78) Di-n-butylphthalate	18.239	149	3006770	38.125	ng/ul	100
80) Fluoranthene	19.292	202	3549683	43.668	ng/ul	99
82) Pyrene	19.651	202	3595626	42.483	ng/ul	97
83) Butylbenzylphthalate	20.515	149	1425537	38.971	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.292	252	870795	28.840	ng/ul	99
85) Benzo(a)anthracene	21.356	228	3376881	39.372	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.274	149	2040190	37.027	ng/ul	98
87) Chrysene	21.409	228	3178770	39.492	ng/ul	99
89) Di-n-octyl phthalate	22.209	149	3490833	41.250	ng/ul	100
90) Benzo(b)fluoranthene	23.062	252	3555259	41.994	ng/ul	99
91) Benzo(k)fluoranthene	23.109	252	3254871	39.924	ng/ul	99
93) Benzo(a)pyrene	23.698	252	3048590	40.351	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.339	276	3708830	38.567	ng/ul	98
95) Dibenzo(a,h)anthracene	26.350	278	3334764	39.036	ng/ul	99
96) Benzo(g,h,i)perylene	27.121	276	3266469	38.313	ng/ul	98

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

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