Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100122\
Data File : BP011865.D
Acq On : 01 Oct 2022 17:01
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020761

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2022
Supervised By :mohammad ahmed 10/04/2022

Quant Time: Oct 03 01:01:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 01 00:53:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	343700	20.000	ng/ul	0.00
20) Naphthalene-d8	10.704	136	1561041	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.539	164	1007076	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	2117694	20.000	ng/ul	0.00
79) Chrysene-d12	21.386	240	2064100	20.000	ng/ul	0.00
88) Perylene-d12	23.821	264	1133588	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	66768	8.568	ng/uL	0.00
4) Pyridine-d5	3.728	84	487518	21.357	ng/ul	0.00
7) Phenol-d5	7.057	99	640705	21.593	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	355242	21.599	ng/ul	0.00
11) 2-Chlorophenol-d4	7.422	132	522972	22.327	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	530352	21.622	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	272286	22.900	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	301292	23.684	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	548137	23.295	ng/ul	0.00
31) 4-Chloroaniline-d4	10.845	131	794829	22.157	ng/ul	0.00
46) Dimethylphthalate-d6	13.951	166	1573960	21.856	ng/ul	0.00
49) Acenaphthylene-d8	14.233	160	1868414	22.758	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	322678	21.637	ng/ul	0.00
60) Fluorene-d10	15.533	176	1376087	22.003	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	275646	21.505	ng/ul	0.00
73) Anthracene-d10	17.398	188	2151799	22.306	ng/ul	0.00
81) Pyrene-d10	19.633	212	2438303	23.325	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.662	264	1265823	22.307	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	70384	8.362	ng/uL	93
5) Pyridine	3.752	79	474273	21.407	ng/ul	96
6) Benzaldehyde	7.034	77	334333m	25.722	ng/ul	
8) Phenol	7.087	94	659442	21.428	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.316	93	530133	21.649	ng/ul	97
12) 2-Chlorophenol	7.457	128	557086	22.247	ng/ul	99
13) 2-Methylphenol	8.340	108	526337	21.708	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.428	45	514923	21.330	ng/ul	100
16) Acetophenone	8.722	105	815059	21.795	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.710	70	384743	21.859	ng/ul	99
18) 4-Methylphenol	8.675	108	584150	21.866	ng/ul	100
19) Hexachloroethane	8.975	117	208655	22.341	ng/ul	99
22) Nitrobenzene	9.104	77	568597	22.235	ng/ul	99
23) Isophorone	9.634	82	1143111	22.036	ng/ul	100
25) 2-Nitrophenol	9.816	139	333631	22.963	ng/ul	98
26) 2,4-Dimethylphenol	9.881	107	610078	22.352	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.116	93	731252	21.849	ng/ul	99
29) 2,4-Dichlorophenol	10.351	162	560932	23.007	ng/ul	99
30) Naphthalene	10.757	128	1851164	22.078	ng/ul	100
32) 4-Chloroaniline	10.869	127	811096	22.101	ng/ul	99
33) Hexachlorobutadiene	11.039	225	323451	22.413	ng/ul	97
34) Caprolactam	11.663	113	181123	20.991	ng/ul	96
35) 4-Chloro-3-methylphenol	11.992	107	583201	22.560	ng/ul	99
36) 2-Methylnaphthalene	12.363	142	1283921	21.927	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.581	142	1287834	21.919	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.728	216	672332	23.021	ng/ul	100
40) Hexachlorocyclopentadiene	12.710	237	339858	20.370	ng/ul	95
41) 2,4,6-Trichlorophenol	12.975	196	458953	23.476	ng/ul	98
42) 2,4,5-Trichlorophenol	13.045	196	504779	23.703	ng/ul	99
43) 1,1'-Biphenyl	13.375	154	1666208	22.369	ng/ul	99
44) 2-Chloronaphthalene	13.416	162	1333715	22.647	ng/ul	100
45) 2-Nitroaniline	13.622	65	336013	23.374	ng/ul	99
47) Dimethylphthalate	13.998	163	1637392	21.695	ng/ul	99
48) 2,6-Dinitrotoluene	14.122	165	345511	23.490	ng/ul	99
50) Acenaphthylene	14.263	152	2054706	22.534	ng/ul	100
51) 3-Nitroaniline	14.451	138	387201	22.712	ng/ul	94
52) Acenaphthene	14.604	153	1430289	22.233	ng/ul	99
53) 2,4-Dinitrophenol	14.657	184	203025	20.359	ng/ul	96
55) 4-Nitrophenol	14.763	109	218134	21.668	ng/ul	98
56) Dibenzofuran	14.939	168	1944071	22.064	ng/ul	100
57) 2,4-Dinitrotoluene	14.904	165	499164	23.217	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.169	232	426505	23.054	ng/ul	97
59) Diethylphthalate	15.363	149	1645116	21.757	ng/ul	100
61) Fluorene	15.592	166	1598381	22.148	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.586	204	778173	21.782	ng/ul	100
63) 4-Nitroaniline	15.616	138	389959	23.970	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.669	198	289591	21.326	ng/ul	98
67) N-Nitrosodiphenylamine	15.804	169	1386253	22.191	ng/ul	99
68) 4-Bromophenyl-phenylether	16.486	248	484640	22.499	ng/ul	98
69) Hexachlorobenzene	16.598	284	556308	22.695	ng/ul	98
70) Atrazine	16.763	200	500522	22.205	ng/ul	99
71) Pentachlorophenol	16.945	266	355873	22.074	ng/ul	99
72) Phenanthrene	17.339	178	2580411	22.172	ng/ul	100
74) Anthracene	17.433	178	2614109	22.324	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.339	216	673244	23.033	ng/uL	99
76) Pentachlorobenzene	14.857	250	709964	22.731	ng/uL	99
77) Carbazole	17.704	167	2433538	23.002	ng/ul	99
78) Di-n-butylphthalate	18.251	149	2913719	22.489	ng/ul	100
80) Fluoranthene	19.304	202	3008037	23.513	ng/ul	99
82) Pyrene	19.657	202	3128538	23.488	ng/ul	100
83) Butylbenzylphthalate	20.527	149	1403226	24.375	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.304	252	1020936	21.485	ng/ul	100
85) Benzo(a)anthracene	21.368	228	3036283	22.494	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	2071130	23.884	ng/ul	98
87) Chrysene	21.421	228	2794500	22.060	ng/ul	99
89) Di-n-octyl phthalate	22.221	149	1743592	24.108	ng/ul	100
90) Benzo(b)fluoranthene	23.074	252	1634981	22.597	ng/ul#	96
91) Benzo(k)fluoranthene	23.121	252	1598624	22.944	ng/ul#	96
93) Benzo(a)pyrene	23.709	252	1408973	21.821	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.356	276	1605691	19.537	ng/ul#	90
95) Dibenzo(a,h)anthracene	26.380	278	1451578	19.882	ng/ul#	92
96) Benzo(g,h,i)perylene	27.139	276	1412655	19.388	ng/ul#	90

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

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