Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072722\
Data File : BP011121.D
Acq On : 27 Jul 2022 10:10
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 28 00:00:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071422.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 26 14:31:36 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020716

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/28/2022
Supervised By :mohammad ahmed 07/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	378509	20.000	ng/ul	0.00
20) Naphthalene-d8	10.452	136	1747165	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.328	164	1015315	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.092	188	1775610	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.216	240	1095903	20.000	ng/ul	# 0.00
88) Perylene-d12	23.557	264	1125490	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	80012	7.621	ng/uL	0.00
4) Pyridine-d5	3.570	84	558245	20.571	ng/ul	0.00
7) Phenol-d5	6.840	99	650110	20.924	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	497945	24.923	ng/ul	0.00
11) 2-Chlorophenol-d4	7.193	132	533820	21.263	ng/ul	0.00
15) 4-Methylphenol-d8	8.381	113	557491	22.413	ng/ul	0.00
21) Nitrobenzene-d5	8.822	128	288752	22.678	ng/ul	0.00
24) 2-Nitrophenol-d4	9.540	143	274751	21.808	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	484975	21.049	ng/ul	0.00
31) 4-Chloroaniline-d4	10.599	131	779239	20.515	ng/ul	0.00
46) Dimethylphthalate-d6	13.745	166	1474985	21.255	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160	1824358	22.282	ng/ul	0.00
54) 4-Nitrophenol-d4	14.545	143	216203	15.394	ng/ul	0.00
60) Fluorene-d10	15.328	176	1221958	20.717	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	168682	19.198	ng/ul	0.00
73) Anthracene-d10	17.192	188	1619276	21.452	ng/ul	0.00
81) Pyrene-d10	19.451	212	1481912	25.747	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.410	264	1143227	21.149	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.193	88	84355	7.657	ng/uL#	93
5) Pyridine	3.587	79	580628	20.761	ng/ul	85
6) Benzaldehyde	6.811	77	216142	14.322	ng/ul	98
8) Phenol	6.863	94	705075	21.349	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.093	93	604416	23.059	ng/ul	96
12) 2-Chlorophenol	7.222	128	558269	21.512	ng/ul	99
13) 2-Methylphenol	8.110	108	530576	21.724	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.187	45	1088957m	30.375	ng/ul	
16) Acetophenone	8.487	105	915910	24.324	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.481	70	526115	27.847	ng/ul	94
18) 4-Methylphenol	8.440	108	591020	22.664	ng/ul	97
19) Hexachloroethane	8.728	117	248534	24.200	ng/ul#	75
22) Nitrobenzene	8.863	77	731241	24.421	ng/ul	98
23) Isophorone	9.399	82	1402365	25.024	ng/ul	98
25) 2-Nitrophenol	9.575	139	305102	21.574	ng/ul	90
26) 2,4-Dimethylphenol	9.640	107	674953	22.569	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.881	93	855723	23.074	ng/ul	98
29) 2,4-Dichlorophenol	10.104	162	495221	20.766	ng/ul	98
30) Naphthalene	10.504	128	1915849	21.518	ng/ul	99
32) 4-Chloroaniline	10.622	127	775230	20.634	ng/ul	100
33) Hexachlorobutadiene	10.787	225	306860	22.105	ng/ul	95
34) Caprolactam	11.416	113	156495	18.725	ng/ul	89
35) 4-Chloro-3-methylphenol	11.763	107	594535	22.060	ng/ul	96
36) 2-Methylnaphthalene	12.128	142	1267672	21.963	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.351	142	1282864	22.174	ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	12.498	216	571863	21.355	ng/ul#	97
40) Hexachlorocyclopentadiene	12.475	237	362222	21.839	ng/ul	97
41) 2,4,6-Trichlorophenol	12.746	196	364166	20.650	ng/ul	98
42) 2,4,5-Trichlorophenol	12.816	196	388246	20.600	ng/ul	98
43) 1,1'-Biphenyl	13.151	154	1653657	21.828	ng/ul#	97
44) 2-Chloronaphthalene	13.193	162	1220394	21.447	ng/ul	97
45) 2-Nitroaniline	13.410	65	403711	24.352	ng/ul	94
47) Dimethylphthalate	13.793	163	1480995	21.151	ng/ul	98
48) 2,6-Dinitrotoluene	13.916	165	287406	22.672	ng/ul	96
50) Acenaphthylene	14.045	152	2021204	22.000	ng/ul	99
51) 3-Nitroaniline	14.245	138	192372	12.631	ng/ul	95
52) Acenaphthene	14.393	153	1314532	21.599	ng/ul	98
53) 2,4-Dinitrophenol	14.451	184	114272	15.408	ng/ul	98
55) 4-Nitrophenol	14.557	109	188483	17.529	ng/ul#	79
56) Dibenzofuran	14.728	168	1791190	21.329	ng/ul	98
57) 2,4-Dinitrotoluene	14.704	165	389840	21.559	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.957	232	290977	19.715	ng/ul#	80
59) Diethylphthalate	15.169	149	1522546	21.173	ng/ul	97
61) Fluorene	15.381	166	1396807	20.725	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.387	204	649891	20.946	ng/ul	92
63) 4-Nitroaniline	15.416	138	140788m	10.058	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.469	198	176313	19.561	ng/ul#	90
67) N-Nitrosodiphenylamine	15.604	169	1190775	23.477	ng/ul	97
68) 4-Bromophenyl-phenylether	16.287	248	371227	23.181	ng/ul	92
69) Hexachlorobenzene	16.387	284	413518	22.249	ng/ul#	87
70) Atrazine	16.569	200	363740	20.730	ng/ul	96
71) Pentachlorophenol	16.739	266	206916	18.077	ng/ul	98
72) Phenanthrene	17.139	178	1988329	21.494	ng/ul	98
74) Anthracene	17.228	178	1973509	21.446	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.110	216	591804	23.282	ng/uL	98
76) Pentachlorobenzene	14.645	250	536045	24.057	ng/uL	100
77) Carbazole	17.510	167	1655756	19.225	ng/ul	98
78) Di-n-butylphthalate	18.075	149	2215897	20.583	ng/ul	100
80) Fluoranthene	19.122	202	1857872	27.599	ng/ul#	87
82) Pyrene	19.475	202	1851193	26.654	ng/ul#	81
83) Butylbenzylphthalate	20.375	149	722806	23.329	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.139	252	383054	19.740	ng/ul#	98
85) Benzo(a)anthracene	21.198	228	1414581	21.195	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.139	149	1036049	22.411	ng/ul#	95
87) Chrysene	21.251	228	1406239	21.458	ng/ul	100
89) Di-n-octyl phthalate	22.051	149	1600668	21.206	ng/ul	100
90) Benzo(b)fluoranthene	22.845	252	1425728	20.516	ng/ul#	96
91) Benzo(k)fluoranthene	22.892	252	1373500	21.041	ng/ul#	94
93) Benzo(a)pyrene	23.457	252	1424562	21.345	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	25.986	276	1766332	22.774	ng/ul#	87
95) Dibenzo(a,h)anthracene	26.004	278	1515351	22.579	ng/ul#	92
96) Benzo(g,h,i)perylene	26.727	276	1523698	23.066	ng/ul#	88

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

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