Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071223\
Data File : BP016194.D
Acq On : 12 Jul 2023 10:12
Operator : MA/JU
Sample : SSTD02097
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 13 10:57:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 13 01:50:08 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020648

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	165642	20.000	ng/ul	0.00
20) Naphthalene-d8	10.781	136	781264	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.616	164	518493	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	1173959	20.000	ng/ul	0.00
79) Chrysene-d12	21.474	240	1222152	20.000	ng/ul	0.00
88) Perylene-d12	23.980	264	1498889	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	40101	8.567	ng/uL	0.00
4) Pyridine-d5	3.740	84	236721	20.277	ng/ul	0.00
7) Phenol-d5	7.151	99	302725	20.233	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	213877	21.140	ng/ul	0.00
11) 2-Chlorophenol-d4	7.492	132	237006	21.944	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	248557	20.623	ng/ul	0.00
21) Nitrobenzene-d5	9.157	128	118666	22.201	ng/ul	0.00
24) 2-Nitrophenol-d4	9.886	143	130686	21.520	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	223242	21.107	ng/ul	0.00
31) 4-Chloroaniline-d4	10.963	131	341978	20.381	ng/ul	0.00
46) Dimethylphthalate-d6	14.033	166	838676	21.205	ng/ul	0.00
49) Acenaphthylene-d8	14.310	160	918230	21.184	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	150949m	26.559	ng/ul	0.00
60) Fluorene-d10	15.616	176	695040	20.998	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	133628	19.820	ng/ul	0.00
73) Anthracene-d10	17.486	188	1088795	21.203	ng/ul	0.00
81) Pyrene-d10	19.721	212	1343202	21.180	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.809	264	1532407	21.528	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	42443	8.590	ng/uL	100
5) Pyridine	3.757	79	242719	20.298	ng/ul	100
6) Benzaldehyde	7.122	77	211381m	22.905	ng/ul	
8) Phenol	7.181	94	322848	20.429	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.387	93	275166	21.096	ng/ul	100
12) 2-Chlorophenol	7.528	128	244868	21.852	ng/ul	100
13) 2-Methylphenol	8.434	108	249337	20.655	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.487	45	448054	21.176	ng/ul	100
16) Acetophenone	8.816	105	432648	21.769	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.781	70	233424	21.944	ng/ul	100
18) 4-Methylphenol	8.781	108	277591	21.029	ng/ul	100
19) Hexachloroethane	9.028	117	106557	20.858	ng/ul	100
22) Nitrobenzene	9.198	77	336377	21.998	ng/ul	100
23) Isophorone	9.716	82	666614	21.782	ng/ul	100
25) 2-Nitrophenol	9.922	139	143951	21.995	ng/ul	100
26) 2,4-Dimethylphenol	9.981	107	313132	21.809	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.204	93	393137	22.241	ng/ul	100
29) 2,4-Dichlorophenol	10.481	162	236367	21.709	ng/ul	100
30) Naphthalene	10.833	128	860799	20.995	ng/ul	100
32) 4-Chloroaniline	10.986	127	344292	20.302	ng/ul	100
33) Hexachlorobutadiene	11.086	225	154160	20.848	ng/ul	100
34) Caprolactam	11.798	113	88007m	22.628	ng/ul	
35) 4-Chloro-3-methylphenol	12.122	107	289137	21.720	ng/ul	100
36) 2-Methylnaphthalene	12.451	142	584383	21.258	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.669	142	603755	21.355	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.822	216	309592	20.965	ng/ul	100
40) Hexachlorocyclopentadiene	12.763	237	102532	17.687	ng/ul	100
41) 2,4,6-Trichlorophenol	13.080	196	198406	21.321	ng/ul	100
42) 2,4,5-Trichlorophenol	13.180	196	205803	21.625	ng/ul	100
43) 1,1'-Biphenyl	13.451	154	799993	21.151	ng/ul	100
44) 2-Chloronaphthalene	13.504	162	622569	20.951	ng/ul	100
45) 2-Nitroaniline	13.751	65	208336	21.617	ng/ul	100
47) Dimethylphthalate	14.080	163	838279	20.985	ng/ul	100
48) 2,6-Dinitrotoluene	14.233	165	159286	21.263	ng/ul	100
50) Acenaphthylene	14.345	152	1051683	21.125	ng/ul	100
51) 3-Nitroaniline	14.586	138	154658	20.223	ng/ul	100
52) Acenaphthene	14.680	153	701449	20.833	ng/ul	100
53) 2,4-Dinitrophenol	14.833	184	77930	14.785	ng/ul	100
55) 4-Nitrophenol	14.933	109	109782	21.183	ng/ul	100
56) Dibenzofuran	15.027	168	967907	21.105	ng/ul	100
57) 2,4-Dinitrotoluene	15.039	165	244008	22.157	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.269	232	191070	21.226	ng/ul	100
59) Diethylphthalate	15.433	149	865542	20.836	ng/ul	100
61) Fluorene	15.669	166	798277	20.836	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.657	204	387767	20.927	ng/ul	100
63) 4-Nitroaniline	15.769	138	140933m	20.597	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.816	198	141676	20.205	ng/ul	100
67) N-Nitrosodiphenylamine	15.886	169	667425	21.449	ng/ul	100
68) 4-Bromophenyl-phenylether	16.557	248	238551	21.382	ng/ul	100
69) Hexachlorobenzene	16.680	284	283118	21.072	ng/ul	100
70) Atrazine	16.845	200	255645	20.718	ng/ul	100
71) Pentachlorophenol	17.057	266	126794	18.819	ng/ul	100
72) Phenanthrene	17.427	178	1293590	21.148	ng/ul	100
74) Anthracene	17.527	178	1308428	21.288	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.422	216	329948	21.483	ng/uL	100
76) Pentachlorobenzene	14.945	250	309576	21.280	ng/uL	100
77) Carbazole	17.821	167	1188842	21.214	ng/ul	100
78) Di-n-butylphthalate	18.315	149	1511286	21.528	ng/ul	100
80) Fluoranthene	19.398	202	1564458	21.096	ng/ul	100
82) Pyrene	19.751	202	1670540	21.099	ng/ul	100
83) Butylbenzylphthalate	20.592	149	735197	21.531	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.398	252	596841	20.901	ng/ul	100
85) Benzo(a)anthracene	21.456	228	1720807	21.622	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.339	149	1110211	21.765	ng/ul	100
87) Chrysene	21.515	228	1671502	20.732	ng/ul	100
89) Di-n-octyl phthalate	22.280	149	2000034	21.303	ng/ul	100
90) Benzo(b)fluoranthene	23.198	252	1809691	21.137	ng/ul	100
91) Benzo(k)fluoranthene	23.256	252	1859816	21.345	ng/ul	100
93) Benzo(a)pyrene	23.862	252	1777944	21.531	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.609	276	2204129	21.176	ng/ul	100
95) Dibenzo(a,h)anthracene	26.621	278	1791606	21.420	ng/ul	100
96) Benzo(g,h,i)perylene	27.444	276	1741759	21.210	ng/ul	100

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

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