Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103122\
Data File : BP012381.D
Acq On : 31 Oct 2022 11:30
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 31 23:49:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 28 06:05:59 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020653

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	242014	20.000	ng/ul	0.00
20) Naphthalene-d8	10.599	136	1041558	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	664093	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	1462865	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	2127000	20.000	ng/ul	0.00
88) Perylene-d12	23.704	264	2409327	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	50407	8.386	ng/uL	0.00
4) Pyridine-d5	3.664	84	338780	19.621	ng/ul	0.00
7) Phenol-d5	6.969	99	417258	19.222	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	246015	18.985	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	324984	20.502	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	328942	19.160	ng/ul	0.00
21) Nitrobenzene-d5	8.969	128	159327	23.589	ng/ul	0.00
24) 2-Nitrophenol-d4	9.693	143	173422	24.737	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	327723	21.571	ng/ul	0.00
31) 4-Chloroaniline-d4	10.751	131	480163	21.226	ng/ul	0.00
46) Dimethylphthalate-d6	13.869	166	972582	21.394	ng/ul	0.00
49) Acenaphthylene-d8	14.145	160	1118772	21.535	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	195799	22.757	ng/ul	0.00
60) Fluorene-d10	15.451	176	853279	21.923	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	165437	21.721	ng/ul	0.00
73) Anthracene-d10	17.310	188	1371574	21.760	ng/ul	0.00
81) Pyrene-d10	19.551	212	1717311	16.081	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.545	264	2505316	21.281	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	52860	8.272	ng/uL	94
5) Pyridine	3.681	79	334936	19.739	ng/ul	99
6) Benzaldehyde	6.946	77	218311m	21.325	ng/ul	
8) Phenol	6.999	94	438489	19.428	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.228	93	353908	19.538	ng/ul	99
12) 2-Chlorophenol	7.363	128	353367	20.478	ng/ul	98
13) 2-Methylphenol	8.252	108	336847	19.407	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.328	45	447302	18.413	ng/ul	98
16) Acetophenone	8.628	105	534997	20.064	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.610	70	256414	19.975	ng/ul	98
18) 4-Methylphenol	8.581	108	368478	19.424	ng/ul	100
19) Hexachloroethane	8.869	117	135269	20.382	ng/ul	100
22) Nitrobenzene	9.010	77	386784	21.948	ng/ul	99
23) Isophorone	9.540	82	740477	20.080	ng/ul	99
25) 2-Nitrophenol	9.722	139	199025	23.677	ng/ul	98
26) 2,4-Dimethylphenol	9.781	107	390666	21.165	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.022	93	475081	20.132	ng/ul	100
29) 2,4-Dichlorophenol	10.252	162	338306	21.450	ng/ul	99
30) Naphthalene	10.652	128	1169391	21.184	ng/ul	100
32) 4-Chloroaniline	10.775	127	503136	21.615	ng/ul	100
33) Hexachlorobutadiene	10.928	225	208463	21.245	ng/ul	99
34) Caprolactam	11.581	113	106385	19.823	ng/ul	88
35) 4-Chloro-3-methylphenol	11.904	107	368368	21.256	ng/ul	99
36) 2-Methylnaphthalene	12.263	142	791175	20.906	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.487	142	796911	21.085	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.634	216	415434	21.297	ng/ul	100
40) Hexachlorocyclopentadiene	12.604	237	150425	16.668	ng/ul	98
41) 2,4,6-Trichlorophenol	12.881	196	271910	21.808	ng/ul	98
42) 2,4,5-Trichlorophenol	12.957	196	293150	21.556	ng/ul	99
43) 1,1'-Biphenyl	13.281	154	1030946	21.112	ng/ul	99
44) 2-Chloronaphthalene	13.322	162	816684	21.283	ng/ul	100
45) 2-Nitroaniline	13.540	65	218161	24.530	ng/ul	100
47) Dimethylphthalate	13.916	163	1012780	21.145	ng/ul	100
48) 2,6-Dinitrotoluene	14.040	165	193299	24.305	ng/ul	97
50) Acenaphthylene	14.175	152	1251184	21.475	ng/ul	99
51) 3-Nitroaniline	14.375	138	219737	22.565	ng/ul	98
52) Acenaphthene	14.516	153	900799	22.000	ng/ul	99
53) 2,4-Dinitrophenol	14.587	184	106107	19.756	ng/ul	97
55) 4-Nitrophenol	14.687	109	144832	22.247	ng/ul	96
56) Dibenzofuran	14.851	168	1222955	21.878	ng/ul	99
57) 2,4-Dinitrotoluene	14.834	165	293607	24.511	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.087	232	258903	22.430	ng/ul	97
59) Diethylphthalate	15.281	149	1002262	21.505	ng/ul	99
61) Fluorene	15.504	166	990189	22.295	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.498	204	482070	22.128	ng/ul	98
63) 4-Nitroaniline	15.539	138	227881m	25.902	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.598	198	180001	22.181	ng/ul	99
67) N-Nitrosodiphenylamine	15.716	169	865791	21.014	ng/ul	100
68) 4-Bromophenyl-phenylether	16.398	248	304561	20.727	ng/ul	98
69) Hexachlorobenzene	16.510	284	367759	20.868	ng/ul	99
70) Atrazine	16.681	200	310327	21.743	ng/ul	99
71) Pentachlorophenol	16.863	266	216999	20.049	ng/ul	99
72) Phenanthrene	17.257	178	1678596	21.720	ng/ul	99
74) Anthracene	17.345	178	1672869	21.789	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.245	216	419498	20.047	ng/uL	99
76) Pentachlorobenzene	14.769	250	451859	20.448	ng/uL	100
77) Carbazole	17.628	167	1606936	23.500	ng/ul	99
78) Di-n-butylphthalate	18.175	149	1809253	22.775	ng/ul	98
80) Fluoranthene	19.228	202	2077767	15.759	ng/ul	100
82) Pyrene	19.580	202	2197415	16.090	ng/ul	99
83) Butylbenzylphthalate	20.457	149	884689	17.376	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.227	252	1015300	21.974	ng/ul	99
85) Benzo(a)anthracene	21.292	228	2857929	21.061	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.216	149	1343490	17.257	ng/ul	99
87) Chrysene	21.345	228	2685497	21.169	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	2621658	18.243	ng/ul	100
90) Benzo(b)fluoranthene	22.974	252	3263151	21.389	ng/ul	98
91) Benzo(k)fluoranthene	23.021	252	3014945	20.736	ng/ul	98
93) Benzo(a)pyrene	23.598	252	2788456	20.930	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.192	276	3451104	20.788	ng/ul	97
95) Dibenzo(a,h)anthracene	26.204	278	3157979	21.244	ng/ul	97
96) Benzo(g,h,i)perylene	26.951	276	3026914	20.625	ng/ul	97

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

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