Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101922\
Data File : BP012202.D
Acq On : 19 Oct 2022 13:23
Operator : CG/JU
Sample : SSTD04083
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 19 23:53:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 19 23:49:40 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD040648

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	468096	20.000	ng/ul	0.00
20) Naphthalene-d8	10.634	136	2015500	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.481	164	1233198	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	2486020	20.000	ng/ul	0.00
79) Chrysene-d12	21.333	240	1924746	20.000	ng/ul	0.00
88) Perylene-d12	23.739	264	1666681	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	187163	15.348	ng/uL	0.00
4) Pyridine-d5	3.681	84	1386665	41.633	ng/ul	0.00
7) Phenol-d5	6.999	99	1665283	41.931	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	1013014	42.062	ng/ul	0.00
11) 2-Chlorophenol-d4	7.358	132	1298724	43.461	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	1300258	43.483	ng/ul	0.00
21) Nitrobenzene-d5	8.999	128	650069	46.435	ng/ul	0.00
24) 2-Nitrophenol-d4	9.716	143	718726	49.548	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	1277146	44.507	ng/ul	0.00
31) 4-Chloroaniline-d4	10.781	131	1788442	43.764	ng/ul	0.00
46) Dimethylphthalate-d6	13.892	166	3542773	44.224	ng/ul	0.00
49) Acenaphthylene-d8	14.175	160	4133512	43.547	ng/ul	0.00
54) 4-Nitrophenol-d4	14.698	143	687572	47.105	ng/ul	0.00
60) Fluorene-d10	15.475	176	3025320	42.556	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	598215	44.985	ng/ul	0.00
73) Anthracene-d10	17.339	188	4520684	42.002	ng/ul	0.00
81) Pyrene-d10	19.580	212	4825445	48.588	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.586	264	3557131	43.762	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	203244	15.483	ng/uL	96
5) Pyridine	3.699	79	1352446	40.895	ng/ul	96
6) Benzaldehyde	6.969	77	888981	47.664	ng/ul	99
8) Phenol	7.028	94	1737044	41.942	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.258	93	1414276	42.290	ng/ul	100
12) 2-Chlorophenol	7.393	128	1377459	42.595	ng/ul	99
13) 2-Methylphenol	8.275	108	1324589	43.008	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.357	45	1879184	42.177	ng/ul	99
16) Acetophenone	8.663	105	2045117	43.945	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.652	70	1023203	45.745	ng/ul	100
18) 4-Methylphenol	8.610	108	1432232	43.209	ng/ul	96
19) Hexachloroethane	8.905	117	545630	42.195	ng/ul	98
22) Nitrobenzene	9.040	77	1539609	43.670	ng/ul	98
23) Isophorone	9.575	82	2970497	45.988	ng/ul	99
25) 2-Nitrophenol	9.752	139	801865	47.758	ng/ul	100
26) 2,4-Dimethylphenol	9.810	107	1497242	42.952	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.052	93	1888995	43.106	ng/ul	99
29) 2,4-Dichlorophenol	10.281	162	1307506	43.821	ng/ul	99
30) Naphthalene	10.687	128	4365750	40.902	ng/ul	99
32) 4-Chloroaniline	10.804	127	1853852	43.884	ng/ul	99
33) Hexachlorobutadiene	10.963	225	808966	41.967	ng/ul	99
34) Caprolactam	11.610	113	413304m	50.589	ng/ul	
35) 4-Chloro-3-methylphenol	11.934	107	1420659	46.983	ng/ul	100
36) 2-Methylnaphthalene	12.298	142	2992916	43.108	ng/ul	99

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37) 1-Methylnaphthalene	12.516	142	2973402	42.969	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.663	216	1557905	40.875	ng/ul	99
40) Hexachlorocyclopentadiene	12.640	237	828388	41.687	ng/ul	99
41) 2,4,6-Trichlorophenol	12.910	196	1040262	44.184	ng/ul	99
42) 2,4,5-Trichlorophenol	12.981	196	1131829	45.324	ng/ul	99
43) 1,1'-Biphenyl	13.310	154	3774841	40.665	ng/ul	100
44) 2-Chloronaphthalene	13.351	162	2988323	40.488	ng/ul	99
45) 2-Nitroaniline	13.569	65	867745	50.459	ng/ul	98
47) Dimethylphthalate	13.945	163	3711421	44.011	ng/ul	100
48) 2,6-Dinitrotoluene	14.069	165	779366	53.305	ng/ul	98
50) Acenaphthylene	14.204	152	4527416	42.111	ng/ul	100
51) 3-Nitroaniline	14.398	138	800234	48.876	ng/ul	100
52) Acenaphthene	14.545	153	3158583	41.056	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	445043	46.383	ng/ul	99
55) 4-Nitrophenol	14.710	109	501376	45.934	ng/ul	99
56) Dibenzofuran	14.881	168	4263471	40.794	ng/ul	99
57) 2,4-Dinitrotoluene	14.857	165	1085755	51.573	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.110	232	948991	46.740	ng/ul	99
59) Diethylphthalate	15.310	149	3655529	45.617	ng/ul	99
61) Fluorene	15.534	166	3355183	40.872	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.528	204	1671917	41.728	ng/ul	98
63) 4-Nitroaniline	15.569	138	788601m	54.722	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.622	198	626831	43.657	ng/ul	96
67) N-Nitrosodiphenylamine	15.745	169	3011013	41.517	ng/ul	99
68) 4-Bromophenyl-phenylether	16.428	248	1114567	44.039	ng/ul	98
69) Hexachlorobenzene	16.539	284	1293433	42.850	ng/ul	99
70) Atrazine	16.710	200	1065998	45.250	ng/ul	99
71) Pentachlorophenol	16.886	266	785478	43.979	ng/ul	99
72) Phenanthrene	17.281	178	5479311	40.623	ng/ul	99
74) Anthracene	17.375	178	5434345	40.929	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.275	216	1566614	39.132	ng/uL	100
76) Pentachlorobenzene	14.798	250	1629685	40.368	ng/uL	99
77) Carbazole	17.651	167	4900516	41.975	ng/ul	99
78) Di-n-butylphthalate	18.198	149	6037573	47.474	ng/ul	99
80) Fluoranthene	19.251	202	6004851	48.720	ng/ul	100
82) Pyrene	19.610	202	6039418	46.630	ng/ul	97
83) Butylbenzylphthalate	20.480	149	2456795	54.098	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.257	252	1763335	41.456	ng/ul	99
85) Benzo(a)anthracene	21.316	228	5201934	42.751	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.239	149	3401158	52.959	ng/ul	99
87) Chrysene	21.369	228	4818242	41.308	ng/ul	99
89) Di-n-octyl phthalate	22.163	149	5200788	54.784	ng/ul	100
90) Benzo(b)fluoranthene	23.004	252	4568771	43.266	ng/ul	100
91) Benzo(k)fluoranthene	23.057	252	4621571	44.178	ng/ul	100
93) Benzo(a)pyrene	23.633	252	4018767	43.057	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.251	276	4889591	41.479	ng/ul	100
95) Dibenzo(a,h)anthracene	26.262	278	4395714	41.304	ng/ul	99
96) Benzo(g,h,i)perylene	27.021	276	5666068	53.146	ng/ul	97

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

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