Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081622\
Data File : BP011447.D
Acq On : 16 Aug 2022 16:52
Operator : CG/JU
Sample : SSTD02045
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 17 01:07:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 17 01:01:09 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020647

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/17/2022
Supervised By :Sohil Jodhani 08/19/2022

08/17/2022
Supervised By :Sohil Jodhani

08/19/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.558	152	78093	20.000	ng/ul	0.00
20) Naphthalene-d8	10.352	136	359473	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.234	164	220870	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.004	188	451935	20.000	ng/ul	0.00
79) Chrysene-d12	21.133	240	446566	20.000	ng/ul	0.00
88) Perylene-d12	23.427	264	440370	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.070	96	20426	8.018	ng/uL	0.00
4) Pyridine-d5	3.481	84	118483	18.439	ng/ul	0.00
7) Phenol-d5	6.746	99	131337	19.004	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.911	67	89048	18.172	ng/ul	0.00
11) 2-Chlorophenol-d4	7.093	132	103043	19.003	ng/ul	0.00
15) 4-Methylphenol-d8	8.281	113	106322	19.593	ng/ul	0.00
21) Nitrobenzene-d5	8.728	128	49967	20.424	ng/ul	0.00
24) 2-Nitrophenol-d4	9.440	143	50211	22.417	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.975	165	94924	20.985	ng/ul	0.00
31) 4-Chloroaniline-d4	10.499	131	150965	19.090	ng/ul	0.00
46) Dimethylphthalate-d6	13.657	166	300423	19.603	ng/ul	0.00
49) Acenaphthylene-d8	13.922	160	336047	18.216	ng/ul	0.00
54) 4-Nitrophenol-d4	14.463	143	53869	19.245	ng/ul	0.00
60) Fluorene-d10	15.234	176	251315	19.176	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.369	200	42172	20.090	ng/ul	0.00
73) Anthracene-d10	17.104	188	385244	18.965	ng/ul	0.00
81) Pyrene-d10	19.363	212	430081	17.481	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.280	264	410395	18.479	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.105	88	20508	7.579	ng/uL	100
5) Pyridine	3.499	79	120909	18.064	ng/ul	100
6) Benzaldehyde	6.717	77	65564	21.769	ng/ul	100
8) Phenol	6.769	94	136080	18.191	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.005	93	109039	18.099	ng/ul	100
12) 2-Chlorophenol	7.122	128	113522	20.091	ng/ul	100
13) 2-Methylphenol	8.016	108	100461	18.647	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.105	45	165042m	18.265	ng/ul	
16) Acetophenone	8.393	105	178606	20.344	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.381	70	92435	21.372	ng/ul	100
18) 4-Methylphenol	8.346	108	112344	19.454	ng/ul	100
19) Hexachloroethane	8.628	117	49634	20.804	ng/ul	100
22) Nitrobenzene	8.763	77	142728	20.840	ng/ul	100
23) Isophorone	9.293	82	248054	19.745	ng/ul	100
25) 2-Nitrophenol	9.475	139	58223	22.304	ng/ul	100
26) 2,4-Dimethylphenol	9.540	107	137787	20.890	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.781	93	149640	18.639	ng/ul	100
29) 2,4-Dichlorophenol	10.005	162	96368	20.373	ng/ul	100
30) Naphthalene	10.399	128	360247	18.420	ng/ul	100
32) 4-Chloroaniline	10.528	127	155688	19.641	ng/ul	100
33) Hexachlorobutadiene	10.681	225	60489	20.845	ng/ul	100
34) Caprolactam	11.322	113	31685	20.031	ng/ul	100
35) 4-Chloro-3-methylphenol	11.663	107	122655	22.054	ng/ul	100
36) 2-Methylnaphthalene	12.028	142	235965	19.464	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.246	142	240453	19.554	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.399	216	107083	18.416	ng/ul	100
40) Hexachlorocyclopentadiene	12.375	237	58637	18.819	ng/ul	100
41) 2,4,6-Trichlorophenol	12.652	196	69907	19.870	ng/ul	100
42) 2,4,5-Trichlorophenol	12.722	196	77681	20.687	ng/ul	100
43) 1,1'-Biphenyl	13.057	154	314283	18.121	ng/ul	100
44) 2-Chloronaphthalene	13.099	162	236360	18.163	ng/ul	100
45) 2-Nitroaniline	13.322	65	83127	25.152	ng/ul	100
47) Dimethylphthalate	13.704	163	307636	19.819	ng/ul	100
48) 2,6-Dinitrotoluene	13.828	165	55416	22.833	ng/ul	100
50) Acenaphthylene	13.951	152	397649	18.700	ng/ul	100
51) 3-Nitroaniline	14.157	138	54407	20.379	ng/ul	100
52) Acenaphthene	14.298	153	262674	18.521	ng/ul	100
53) 2,4-Dinitrophenol	14.369	184	27830	19.327	ng/ul	100
55) 4-Nitrophenol	14.475	109	65730	25.314	ng/ul	100
56) Dibenzofuran	14.640	168	361563	18.805	ng/ul	100
57) 2,4-Dinitrotoluene	14.622	165	84310	22.664	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.869	232	61733	21.133	ng/ul	100
59) Diethylphthalate	15.087	149	342433	21.295	ng/ul	100
61) Fluorene	15.293	166	299012	19.149	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.293	204	134554	19.713	ng/ul	100
63) 4-Nitroaniline	15.328	138	55349m	21.306	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.387	198	43275	20.020	ng/ul	100
67) N-Nitrosodiphenylamine	15.516	169	256493	19.260	ng/ul	100
68) 4-Bromophenyl-phenylether	16.198	248	77300	19.329	ng/ul	100
69) Hexachlorobenzene	16.298	284	89280	19.109	ng/ul	100
70) Atrazine	16.487	200	92314	20.796	ng/ul	100
71) Pentachlorophenol	16.651	266	48704	17.956	ng/ul	100
72) Phenanthrene	17.045	178	461951	18.229	ng/ul	100
74) Anthracene	17.140	178	476810	18.900	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.016	216	109736	16.914	ng/uL	100
76) Pentachlorobenzene	14.551	250	105080	18.597	ng/uL	100
77) Carbazole	17.422	167	433780	18.401	ng/ul	100
78) Di-n-butylphthalate	17.992	149	557842	21.641	ng/ul	100
80) Fluoranthene	19.039	202	523266	17.474	ng/ul	100
82) Pyrene	19.392	202	552650	17.485	ng/ul	100
83) Butylbenzylphthalate	20.292	149	251796	24.999	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.063	252	150125	18.472	ng/ul	100
85) Benzo(a)anthracene	21.116	228	521292	18.195	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.063	149	367358	22.719	ng/ul	100
87) Chrysene	21.169	228	504665	17.794	ng/ul	100
89) Di-n-octyl phthalate	21.957	149	615881	20.157	ng/ul	100
90) Benzo(b)fluoranthene	22.727	252	521991	18.010	ng/ul	100
91) Benzo(k)fluoranthene	22.775	252	508867	17.945	ng/ul	100
93) Benzo(a)pyrene	23.327	252	516913	18.491	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.786	276	567399	18.360	ng/ul	100
95) Dibenzo(a,h)anthracene	25.804	278	484323	18.428	ng/ul	100
96) Benzo(g,h,i)perylene	26.510	276	487180	18.683	ng/ul	100

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

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