Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062524\
Data File : BP020639.D
Acq On : 25 Jun 2024 15:31
Operator : MA/JU
Sample : SSTD02015
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 25 17:21:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 17:18:51 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020639

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	164085	20.000	ng/ul	0.00
20) Naphthalene-d8	10.522	136	684225	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.369	164	426295	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	811162	20.000	ng/ul	0.00
79) Chrysene-d12	21.639	240	668166	20.000	ng/ul	0.00
88) Perylene-d12	24.998	264	756069	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	30674	7.876	ng/uL	0.00
4) Pyridine-d5	3.687	84	219318	19.224	ng/ul	0.00
7) Phenol-d5	6.928	99	264968	18.811	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.093	67	173402	20.123	ng/ul	0.00
11) 2-Chlorophenol-d4	7.287	132	219454	21.324	ng/ul	0.00
15) 4-Methylphenol-d8	8.446	113	217300	19.126	ng/ul	0.00
21) Nitrobenzene-d5	8.893	128	103244	20.109	ng/ul	0.00
24) 2-Nitrophenol-d4	9.604	143	101071	17.728	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	210398	19.802	ng/ul	0.00
31) 4-Chloroaniline-d4	10.651	131	293231	19.694	ng/ul	0.00
46) Dimethylphthalate-d6	13.781	166	603833	19.593	ng/ul	0.00
49) Acenaphthylene-d8	14.063	160	710851	20.532	ng/ul	0.00
54) 4-Nitrophenol-d4	14.592	143	87733	18.805	ng/ul	0.00
60) Fluorene-d10	15.387	176	505382	19.640	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	72482	14.893	ng/ul	0.00
73) Anthracene-d10	17.281	188	736755	20.831	ng/ul	0.00
81) Pyrene-d10	19.669	212	765932	19.367	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.762	264	731821	20.022	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	34730	7.819	ng/uL	100
5) Pyridine	3.711	79	231140	20.005	ng/ul	100
6) Benzaldehyde	6.910	77	161164	22.288	ng/ul	100
8) Phenol	6.952	94	270732	18.694	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.187	93	227950	19.915	ng/ul	100
12) 2-Chlorophenol	7.322	128	218795	20.532	ng/ul	100
13) 2-Methylphenol	8.187	108	208618	19.262	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.275	45	351459m	23.643	ng/ul	
16) Acetophenone	8.563	105	356742	18.993	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.546	70	184282	18.316	ng/ul	100
18) 4-Methylphenol	8.510	108	222744	18.986	ng/ul	100
19) Hexachloroethane	8.816	117	95868	19.868	ng/ul	100
22) Nitrobenzene	8.940	77	262834	18.333	ng/ul	100
23) Isophorone	9.463	82	516068	18.648	ng/ul	100
25) 2-Nitrophenol	9.634	139	108913	18.351	ng/ul	100
26) 2,4-Dimethylphenol	9.699	107	253136	19.339	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.928	93	306075	19.643	ng/ul	100
29) 2,4-Dichlorophenol	10.169	162	206453	19.959	ng/ul	100
30) Naphthalene	10.569	128	727433	20.499	ng/ul	100
32) 4-Chloroaniline	10.675	127	281196	19.396	ng/ul	100
33) Hexachlorobutadiene	10.846	225	153582	19.084	ng/ul	100
34) Caprolactam	11.457	113	61387	17.745	ng/ul	100
35) 4-Chloro-3-methylphenol	11.798	107	226044	18.054	ng/ul	100
36) 2-Methylnaphthalene	12.169	142	486550	19.852	ng/ul	100

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37) 1-Methylnaphthalene	12.404	142	507993	20.511	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.540	216	271611	20.201	ng/ul	100
40) Hexachlorocyclopentadiene	12.510	237	154388	20.332	ng/ul	100
41) 2,4,6-Trichlorophenol	12.787	196	163213	19.678	ng/ul	100
42) 2,4,5-Trichlorophenol	12.863	196	168479	19.036	ng/ul	100
43) 1,1'-Biphenyl	13.193	154	638447	20.889	ng/ul	100
44) 2-Chloronaphthalene	13.234	162	503327	20.760	ng/ul	100
45) 2-Nitroaniline	13.445	65	128527	17.080	ng/ul	100
47) Dimethylphthalate	13.828	163	603006	19.471	ng/ul	100
48) 2,6-Dinitrotoluene	13.951	165	109720	18.182	ng/ul	100
50) Acenaphthylene	14.092	152	810409	20.760	ng/ul	100
51) 3-Nitroaniline	14.287	138	100861	17.824	ng/ul	100
52) Acenaphthene	14.428	153	528260	20.233	ng/ul	100
53) 2,4-Dinitrophenol	14.492	184	46996	13.040	ng/ul	100
55) 4-Nitrophenol	14.604	109	77215	16.483	ng/ul	100
56) Dibenzofuran	14.775	168	711937	19.977	ng/ul	100
57) 2,4-Dinitrotoluene	14.745	165	153213	17.884	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.010	232	137922	17.805	ng/ul	100
59) Diethylphthalate	15.210	149	602204	19.546	ng/ul	100
61) Fluorene	15.434	166	571485	19.447	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.439	204	298871	19.220	ng/ul	100
63) 4-Nitroaniline	15.463	138	97129	20.424	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.516	198	77808	15.232	ng/ul	100
67) N-Nitrosodiphenylamine	15.657	169	484313	21.007	ng/ul	100
68) 4-Bromophenyl-phenylether	16.351	248	178424	20.092	ng/ul	100
69) Hexachlorobenzene	16.457	284	201537	19.753	ng/ul	100
70) Atrazine	16.628	200	163526	20.276	ng/ul	100
71) Pentachlorophenol	16.822	266	108231	18.033	ng/ul	100
72) Phenanthrene	17.228	178	853766	20.534	ng/ul	100
74) Anthracene	17.316	178	864383	20.472	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.157	216	265707	21.275	ng/uL	100
76) Pentachlorobenzene	14.692	250	250303	20.352	ng/uL	100
77) Carbazole	17.604	167	734920	20.460	ng/ul	100
78) Di-n-butylphthalate	18.204	149	934011	21.328	ng/ul	100
80) Fluoranthene	19.322	202	919504	19.629	ng/ul	100
82) Pyrene	19.698	202	957969	19.672	ng/ul	100
83) Butylbenzylphthalate	20.663	149	360015	19.775	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.551	252	296727	21.627	ng/ul	100
85) Benzo(a)anthracene	21.621	228	909062	20.058	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.569	149	572333	21.457	ng/ul	100
87) Chrysene	21.692	228	865532	20.504	ng/ul	100
89) Di-n-octyl phthalate	22.863	149	959999	19.670	ng/ul	100
90) Benzo(b)fluoranthene	23.939	252	902506	20.054	ng/ul	100
91) Benzo(k)fluoranthene	24.004	252	885352	19.435	ng/ul	100
93) Benzo(a)pyrene	24.845	252	850965	19.898	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.815	276	1063265m	19.858	ng/ul	
95) Dibenzo(a,h)anthracene	28.898	278	887571	19.980	ng/ul	100
96) Benzo(g,h,i)perylene	30.003	276	867420m	19.968	ng/ul	

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

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