Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110122\
Data File : BM037305.D
Acq On : 01 Nov 2022 12:37
Operator : CG/JU
Sample : SSTD04087
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 02 02:49:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110122.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 02 02:46:21 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD040036

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/02/2022
Supervised By :mohammad ahmed 11/04/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	336089	20.000	ng/ul	0.00
20) Naphthalene-d8	10.657	136	1531689	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.492	164	977986	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	2018680	20.000	ng/ul	0.00
79) Chrysene-d12	21.409	240	1948751	20.000	ng/ul	0.00
88) Perylene-d12	23.756	264	1535141	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	118810	12.913	ng/uL	0.00
4) Pyridine-d5	3.693	84	922592	32.085	ng/ul	0.00
7) Phenol-d5	7.028	99	1171527	34.227	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.193	67	730179	34.163	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	966631	41.852	ng/ul	0.00
15) 4-Methylphenol-d8	8.581	113	996187	38.140	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	496882	42.347	ng/ul	0.00
24) 2-Nitrophenol-d4	9.745	143	556346	49.057	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.286	165	1000720	45.229	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	1450722	37.960	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	2837929	41.183	ng/ul	0.00
49) Acenaphthylene-d8	14.186	160	3488925	44.420	ng/ul	0.00
54) 4-Nitrophenol-d4	14.716	143	568916	38.385	ng/ul	0.00
60) Fluorene-d10	15.486	176	2528096	41.905	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.616	200	528361	47.576	ng/ul	0.00
73) Anthracene-d10	17.333	188	3921899	41.871	ng/ul	0.00
81) Pyrene-d10	19.621	212	4430555	44.994	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.603	264	3391186	44.047	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.310	88	124851	12.639	ng/uL	99
5) Pyridine	3.710	79	914207	31.531	ng/ul	98
6) Benzaldehyde	7.004	77	610717	38.738	ng/ul	98
8) Phenol	7.057	94	1243798	34.118	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.287	93	1011687	35.505	ng/ul	100
12) 2-Chlorophenol	7.422	128	1040323	41.109	ng/ul	99
13) 2-Methylphenol	8.310	108	968494	36.083	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.392	45	1455453	38.623	ng/ul	99
16) Acetophenone	8.692	105	1591138	36.417	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.681	70	820287	36.553	ng/ul	98
18) 4-Methylphenol	8.640	108	1070427	36.121	ng/ul	99
19) Hexachloroethane	8.934	117	400325	39.416	ng/ul	98
22) Nitrobenzene	9.069	77	1182846	37.493	ng/ul	99
23) Isophorone	9.598	82	2273594	37.053	ng/ul	100
25) 2-Nitrophenol	9.781	139	630321	47.462	ng/ul	99
26) 2,4-Dimethylphenol	9.839	107	1142233	37.869	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.081	93	1384742	36.993	ng/ul	99
29) 2,4-Dichlorophenol	10.310	162	1015882	43.699	ng/ul	99
30) Naphthalene	10.710	128	3392363	39.180	ng/ul	100
32) 4-Chloroaniline	10.828	127	1499538	37.905	ng/ul	99
33) Hexachlorobutadiene	10.986	225	599649	46.142	ng/ul	99
34) Caprolactam	11.633	113	315679m	37.489	ng/ul	
35) 4-Chloro-3-methylphenol	11.957	107	1061639	38.810	ng/ul	99
36) 2-Methylnaphthalene	12.322	142	2394039	41.226	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.539	142	2395962	41.082	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.686	216	1238650	45.962	ng/ul	99
40) Hexachlorocyclopentadiene	12.657	237	679316	43.826	ng/ul	99
41) 2,4,6-Trichlorophenol	12.933	196	830860	48.115	ng/ul	99
42) 2,4,5-Trichlorophenol	13.004	196	890743	46.955	ng/ul	99
43) 1,1'-Biphenyl	13.333	154	3074133	40.888	ng/ul	99
44) 2-Chloronaphthalene	13.374	162	2469246	42.629	ng/ul	99
45) 2-Nitroaniline	13.586	65	699412	38.350	ng/ul	98
47) Dimethylphthalate	13.963	163	3024555	41.270	ng/ul	100
48) 2,6-Dinitrotoluene	14.086	165	637757	48.484	ng/ul	95
50) Acenaphthylene	14.216	152	3770150	41.419	ng/ul	100
51) 3-Nitroaniline	14.416	138	652946	41.126	ng/ul	99
52) Acenaphthene	14.557	153	2634009	40.318	ng/ul	100
53) 2,4-Dinitrophenol	14.621	184	399237	49.073	ng/ul	99
55) 4-Nitrophenol	14.727	109	415074	33.762	ng/ul	96
56) Dibenzofuran	14.892	168	3528627	40.606	ng/ul	99
57) 2,4-Dinitrotoluene	14.869	165	923446	47.764	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.121	232	774084	49.728	ng/ul	95
59) Diethylphthalate	15.321	149	3023271	40.490	ng/ul	100
61) Fluorene	15.539	166	3051292	41.338	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.533	204	1493658	43.979	ng/ul	99
63) 4-Nitroaniline	15.580	138	622428m	41.665	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.627	198	563138	47.084	ng/ul	98
67) N-Nitrosodiphenylamine	15.751	169	2509905	40.656	ng/ul	100
68) 4-Bromophenyl-phenylether	16.427	248	906681	47.933	ng/ul	100
69) Hexachlorobenzene	16.533	284	1097715	50.150	ng/ul	98
70) Atrazine	16.710	200	874653	40.699	ng/ul	99
71) Pentachlorophenol	16.886	266	654077	46.951	ng/ul	97
72) Phenanthrene	17.280	178	4737426	40.633	ng/ul	100
74) Anthracene	17.368	178	4780566	41.040	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.292	216	1242464	45.713	ng/uL	99
76) Pentachlorobenzene	14.810	250	1336397	46.702	ng/uL	100
77) Carbazole	17.645	167	4263656	39.181	ng/ul	99
78) Di-n-butylphthalate	18.204	149	5120048	40.549	ng/ul	100
80) Fluoranthene	19.286	202	5461684	45.274	ng/ul	99
82) Pyrene	19.651	202	5699762	44.045	ng/ul	99
83) Butylbenzylphthalate	20.545	149	2317403	43.853	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.327	252	1947669	44.776	ng/ul	99
85) Benzo(a)anthracene	21.392	228	5356325	42.183	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.315	149	3294946	40.883	ng/ul	99
87) Chrysene	21.445	228	4927144	41.134	ng/ul	98
89) Di-n-octyl phthalate	22.227	149	5020760	46.135	ng/ul	100
90) Benzo(b)fluoranthene	23.039	252	4470819	43.913	ng/ul	99
91) Benzo(k)fluoranthene	23.092	252	4579845	46.574	ng/ul	100
93) Benzo(a)pyrene	23.656	252	3801089	42.884	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.185	276	4032088	38.388	ng/ul	99
95) Dibenzo(a,h)anthracene	26.203	278	3639614	38.103	ng/ul	100
96) Benzo(g,h,i)perylene	26.938	276	3455498	37.653	ng/ul	100

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

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