Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112322\
Data File : BM037688.D
Acq On : 23 Nov 2022 23:30
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 24 01:32:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 24 01:27:15 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SICV046

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

11/25/2022
Supervised By :mohammad ahmed

11/28/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.116	152	183328	20.000	ng/ul		0.00
20) Naphthalene-d8	10.939	136	922827	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.739	164	650870	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.474	188	1461620	20.000	ng/ul		0.00
79) Chrysene-d12	21.639	240	1588392	20.000	ng/ul	#	0.00
88) Perylene-d12	24.133	264	1543445	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.434	96	28388	6.422	ng/uL		0.00
4) Pyridine-d5	3.869	84	244497	16.992	ng/ul		0.00
7) Phenol-d5	7.263	99	332188	18.163	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.434	67	239841	19.658	ng/ul		0.00
11) 2-Chlorophenol-d4	7.640	132	240630	18.934	ng/ul		0.00
15) 4-Methylphenol-d8	8.822	113	277617	19.075	ng/ul		0.00
21) Nitrobenzene-d5	9.287	128	140943	19.482	ng/ul		0.00
24) 2-Nitrophenol-d4	10.010	143	146777	20.590	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.551	165	271133	20.784	ng/ul		0.00
31) 4-Chloroaniline-d4	11.069	131	414072	19.128	ng/ul		0.00
46) Dimethylphthalate-d6	14.145	166	931269	20.200	ng/ul		0.00
49) Acenaphthylene-d8	14.439	160	1070769	19.677	ng/ul		0.00
54) 4-Nitrophenol-d4	14.922	143	206912	20.375	ng/ul		0.00
60) Fluorene-d10	15.727	176	808711	20.029	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.833	200	149055	18.957	ng/ul		0.00
73) Anthracene-d10	17.574	188	1343872	19.661	ng/ul		0.00
81) Pyrene-d10	19.851	212	1550808	19.213	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.968	264	1528013	19.233	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.469	88	30280	6.231	ng/uL		96
5) Pyridine	3.893	79	231016	15.789	ng/ul		97
6) Benzaldehyde	7.246	77	237462	24.737	ng/ul		99
8) Phenol	7.287	94	331348	17.283	ng/ul		97
10) Bis(2-Chloroethyl)ether	7.528	93	269704	17.353	ng/ul		97
12) 2-Chlorophenol	7.675	128	251838	18.140	ng/ul		98
13) 2-Methylphenol	8.557	108	265529	18.155	ng/ul		97
14) 2,2'-oxybis(1-Chloropr...	8.651	45	470703	16.767	ng/ul		99
16) Acetophenone	8.945	105	455968	19.031	ng/ul		100
17) N-Nitroso-di-n-propyla...	8.928	70	257439	18.333	ng/ul		99
18) 4-Methylphenol	8.887	108	293000	18.133	ng/ul		96
19) Hexachloroethane	9.210	117	108792	18.118	ng/ul	#	84
22) Nitrobenzene	9.328	77	354431	17.968	ng/ul		99
23) Isophorone	9.857	82	717042	18.036	ng/ul		98
25) 2-Nitrophenol	10.045	139	156324	19.389	ng/ul		97
26) 2,4-Dimethylphenol	10.098	107	334959	18.917	ng/ul		99
27) Bis(2-Chloroethoxy)met...	10.339	93	403841	17.707	ng/ul		100
29) 2,4-Dichlorophenol	10.581	162	266624	19.978	ng/ul		95
30) Naphthalene	10.986	128	928708	18.405	ng/ul		100
32) 4-Chloroaniline	11.098	127	422426	18.725	ng/ul		100
33) Hexachlorobutadiene	11.275	225	152220	21.727	ng/ul		97
34) Caprolactam	11.869	113	106254m	19.116	ng/ul		
35) 4-Chloro-3-methylphenol	12.204	107	328449	19.253	ng/ul		99
36) 2-Methylnaphthalene	12.586	142	676111	19.289	ng/ul		99

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37) 1-Methylnaphthalene	12.804	142	657065	18.633	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.945	216	311642	19.500	ng/ul	97
40) Hexachlorocyclopentadiene	12.928	237	190644	19.156	ng/ul	99
41) 2,4,6-Trichlorophenol	13.180	196	218691	19.003	ng/ul	99
42) 2,4,5-Trichlorophenol	13.251	196	241232	19.591	ng/ul	99
43) 1,1'-Biphenyl	13.580	154	911361	18.439	ng/ul	98
44) 2-Chloronaphthalene	13.627	162	696922	18.141	ng/ul	99
45) 2-Nitroaniline	13.822	65	258908	17.777	ng/ul	95
47) Dimethylphthalate	14.192	163	925309	18.882	ng/ul	99
48) 2,6-Dinitrotoluene	14.316	165	192055	20.296	ng/ul	96
50) Acenaphthylene	14.469	152	1160476	18.866	ng/ul	100
51) 3-Nitroaniline	14.639	138	233546	20.339	ng/ul	93
52) Acenaphthene	14.804	153	797532	18.130	ng/ul	99
53) 2,4-Dinitrophenol	14.839	184	105583	19.017	ng/ul	95
55) 4-Nitrophenol	14.933	109	180238	19.806	ng/ul	93
56) Dibenzofuran	15.133	168	1108433	19.305	ng/ul	99
57) 2,4-Dinitrotoluene	15.092	165	279779	20.149	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.357	232	214232	21.205	ng/ul	94
59) Diethylphthalate	15.545	149	994341	18.800	ng/ul	98
61) Fluorene	15.780	166	937085	18.841	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.774	204	425160	19.596	ng/ul	97
63) 4-Nitroaniline	15.798	138	258910	23.724	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.851	198	151115	18.109	ng/ul	97
67) N-Nitrosodiphenylamine	15.986	169	825069	18.168	ng/ul	99
68) 4-Bromophenyl-phenylether	16.663	248	228466	19.433	ng/ul	94
69) Hexachlorobenzene	16.780	284	272724	18.063	ng/ul	96
70) Atrazine	16.927	200	275125	17.848	ng/ul	98
71) Pentachlorophenol	17.121	266	180750	18.080	ng/ul	99
72) Phenanthrene	17.521	178	1527643	17.842	ng/ul	100
74) Anthracene	17.610	178	1599625	18.402	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.545	216	301977	17.271	ng/uL	99
76) Pentachlorobenzene	15.057	250	306180	16.464	ng/uL	99
77) Carbazole	17.874	167	1551227	18.771	ng/ul	100
78) Di-n-butylphthalate	18.433	149	1858605	15.537	ng/ul	100
80) Fluoranthene	19.521	202	1820337	17.654	ng/ul	96
82) Pyrene	19.880	202	1954203	17.943	ng/ul	96
83) Butylbenzylphthalate	20.762	149	874410	17.235	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.551	252	663973	20.814	ng/ul	98
85) Benzo(a)anthracene	21.621	228	1947748	18.330	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.533	149	1330111	17.353	ng/ul#	97
87) Chrysene	21.674	228	1819345	18.194	ng/ul	99
89) Di-n-octyl phthalate	22.486	149	2225266	16.878	ng/ul	100
90) Benzo(b)fluoranthene	23.368	252	1916180	18.262	ng/ul	97
91) Benzo(k)fluoranthene	23.415	252	1834926	17.932	ng/ul	98
93) Benzo(a)pyrene	24.021	252	1649789	18.091	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.738	276	1920755	18.359	ng/ul	95
95) Dibenzo(a,h)anthracene	26.756	278	1662279	17.696	ng/ul	98
96) Benzo(g,h,i)perylene	27.544	276	1626263	17.850	ng/ul	96

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

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