Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020623\
Data File : BM038698.D
Acq On : 06 Feb 2023 18:32
Operator : CG/JU
Sample : SSTD08031
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 07 00:53:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM020623.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 07 00:48:02 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD080037

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 02/07/2023
Supervised By :mohammad ahmed 02/07/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	88104	20.000	ng/ul	0.00
20) Naphthalene-d8	10.722	136	361939	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.551	164	286146	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	589328	20.000	ng/ul	0.00
79) Chrysene-d12	21.474	240	470972	20.000	ng/ul	0.00
88) Perylene-d12	23.850	264	417924	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	52304	21.168	ng/uL	0.00
4) Pyridine-d5	3.710	84	363334	58.721	ng/ul	0.00
7) Phenol-d5	7.093	99	476274	80.985	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.245	67	247234	72.023	ng/ul	0.00
11) 2-Chlorophenol-d4	7.445	132	454642	93.220	ng/ul	0.00
15) 4-Methylphenol-d8	8.645	113	423442	90.240	ng/ul	0.01
21) Nitrobenzene-d5	9.092	128	230189	83.903	ng/ul	0.01
24) 2-Nitrophenol-d4	9.810	143	312283	86.192	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.351	165	612923	76.439	ng/ul	0.00
31) 4-Chloroaniline-d4	10.875	131	685659	87.990	ng/ul	0.00
46) Dimethylphthalate-d6	13.974	166	1817136	76.876	ng/ul	0.01
49) Acenaphthylene-d8	14.251	160	2119161	84.248	ng/ul	0.00
54) 4-Nitrophenol-d4	14.792	143	317726	97.167	ng/ul	0.02
60) Fluorene-d10	15.545	176	1557489	73.681	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.686	200	305503	60.560	ng/ul	0.01
73) Anthracene-d10	17.398	188	2350419	79.233	ng/ul	0.00
81) Pyrene-d10	19.686	212	2527280	104.141	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.709	264	1893828	88.284	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.316	88	51709	19.422	ng/uL	99
5) Pyridine	3.728	79	351919	55.383	ng/ul	98
6) Benzaldehyde	7.051	77	180416	66.534	ng/ul	97
8) Phenol	7.122	94	472067	80.173	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.340	93	369632	87.862	ng/ul	99
12) 2-Chlorophenol	7.475	128	443814	90.686	ng/ul	98
13) 2-Methylphenol	8.369	108	394314	88.140	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.445	45	318619	73.305	ng/ul	98
16) Acetophenone	8.751	105	672172	81.083	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.751	70	297157	77.999	ng/ul#	96
18) 4-Methylphenol	8.716	108	430131	90.581	ng/ul	96
19) Hexachloroethane	8.987	117	188992	76.561	ng/ul	97
22) Nitrobenzene	9.134	77	465760	56.406	ng/ul	99
23) Isophorone	9.669	82	902133	72.200	ng/ul	99
25) 2-Nitrophenol	9.845	139	305106	84.958	ng/ul	96
26) 2,4-Dimethylphenol	9.904	107	502025	64.358	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.139	93	535887	84.113	ng/ul	100
29) 2,4-Dichlorophenol	10.381	162	596810	78.310	ng/ul	99
30) Naphthalene	10.775	128	1509840	84.077	ng/ul	99
32) 4-Chloroaniline	10.898	127	671366	85.861	ng/ul	99
33) Hexachlorobutadiene	11.039	225	309805	39.116	ng/ul	97
34) Caprolactam	11.722	113	132406m	88.307	ng/ul	
35) 4-Chloro-3-methylphenol	12.033	107	455217	75.616	ng/ul	99
36) 2-Methylnaphthalene	12.380	142	1176268	88.065	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.598	142	1211526	87.868	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.745	216	567965	40.322	ng/ul	99
40) Hexachlorocyclopentadiene	12.716	237	333594	33.189	ng/ul	93
41) 2,4,6-Trichlorophenol	12.992	196	445727	51.975	ng/ul	98
42) 2,4,5-Trichlorophenol	13.074	196	487222	53.199	ng/ul	98
43) 1,1'-Biphenyl	13.392	154	1749139	79.498	ng/ul	99
44) 2-Chloronaphthalene	13.433	162	1422681	77.834	ng/ul	98
45) 2-Nitroaniline	13.657	65	279940	57.260	ng/ul	91
47) Dimethylphthalate	14.021	163	1808705	77.765	ng/ul	100
48) 2,6-Dinitrotoluene	14.151	165	382333	88.757	ng/ul	98
50) Acenaphthylene	14.280	152	2201049	87.504	ng/ul	99
51) 3-Nitroaniline	14.480	138	304106	98.079	ng/ul	93
52) Acenaphthene	14.616	153	1543529	82.441	ng/ul	99
53) 2,4-Dinitrophenol	14.686	184	246892	71.297	ng/ul	93
55) 4-Nitrophenol	14.810	109	276467	50.396	ng/ul	97
56) Dibenzofuran	14.951	168	2109526	75.755	ng/ul	93
57) 2,4-Dinitrotoluene	14.939	165	551451	86.855	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.180	232	384333	47.930	ng/ul	93
59) Diethylphthalate	15.380	149	1842688	84.510	ng/ul	99
61) Fluorene	15.604	166	1775118	75.691	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.592	204	818596	49.607	ng/ul	99
63) 4-Nitroaniline	15.651	138	249009	97.409	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.704	198	293793	61.711	ng/ul	97
67) N-Nitrosodiphenylamine	15.815	169	1459815	87.859	ng/ul	100
68) 4-Bromophenyl-phenylether	16.486	248	475323	57.242	ng/ul	97
69) Hexachlorobenzene	16.598	284	607880	62.710	ng/ul	100
70) Atrazine	16.768	200	503486	60.393	ng/ul	98
71) Pentachlorophenol	16.951	266	362281	58.426	ng/ul	97
72) Phenanthrene	17.339	178	2735154	88.809	ng/ul	100
74) Anthracene	17.433	178	2809205	87.105	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.351	216	560502	49.482	ng/uL	99
76) Pentachlorobenzene	14.868	250	631330	53.563	ng/uL	98
77) Carbazole	17.709	167	2518792	89.977	ng/ul	98
78) Di-n-butylphthalate	18.256	149	3400410	125.551	ng/ul	99
80) Fluoranthene	19.351	202	3057710	108.703	ng/ul	98
82) Pyrene	19.715	202	3232675	108.292	ng/ul	97
83) Butylbenzylphthalate	20.603	149	1561245	181.322	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.392	252	944000	81.589	ng/ul	98
85) Benzo(a)anthracene	21.456	228	2954288	88.550	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.368	149	2281283	186.200	ng/ul	100
87) Chrysene	21.509	228	2695479	87.287	ng/ul	100
89) Di-n-octyl phthalate	22.286	149	3651617	206.311	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	2523101	97.650	ng/ul	98
91) Benzo(k)fluoranthene	23.180	252	2407684	93.486	ng/ul	99
93) Benzo(a)pyrene	23.756	252	2026325	84.686	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.350	276	2546159	67.320	ng/ul	98
95) Dibenzo(a,h)anthracene	26.356	278	2191146	68.260	ng/ul	96
96) Benzo(g,h,i)perylene	27.115	276	1904258	62.031	ng/ul	98

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

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