Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092922\
Data File : BM036797.D
Acq On : 29 Sep 2022 12:24
Operator : CG/JU
Sample : SSTD01079
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 30 01:12:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092922.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 30 01:10:23 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD010027

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

09/30/2022
Supervised By :mohammad ahmed

10/03/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	282318	20.000	ng/ul	0.00
20) Naphthalene-d8	10.792	136	1285188	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	822957	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	1687848	20.000	ng/ul	0.00
79) Chrysene-d12	21.515	240	1708605	20.000	ng/ul	0.00
88) Perylene-d12	23.933	264	1740957	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	31709	4.210	ng/uL	0.00
4) Pyridine-d5	3.799	84	211948	9.650	ng/ul	0.00
7) Phenol-d5	7.139	99	242490	9.611	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.310	67	166771	10.885	ng/ul	0.00
11) 2-Chlorophenol-d4	7.510	132	177416	9.768	ng/ul	0.00
15) 4-Methylphenol-d8	8.692	113	188404	10.106	ng/ul	0.00
21) Nitrobenzene-d5	9.145	128	88675	10.194	ng/ul	0.00
24) 2-Nitrophenol-d4	9.875	143	81757	10.493	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	167383	9.270	ng/ul	0.00
31) 4-Chloroaniline-d4	10.927	131	295624	9.847	ng/ul	0.00
46) Dimethylphthalate-d6	14.021	166	552408	9.953	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	612999	9.311	ng/ul	0.00
54) 4-Nitrophenol-d4	14.798	143	102576	9.528	ng/ul	0.00
60) Fluorene-d10	15.598	176	485194	9.755	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	64354	9.637	ng/ul	0.00
73) Anthracene-d10	17.445	188	732601	9.493	ng/ul	0.00
81) Pyrene-d10	19.727	212	815847	9.706	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.780	264	810137	9.525	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.404	88	32262	3.977	ng/uL	96
5) Pyridine	3.816	79	212458	9.628	ng/ul	95
6) Benzaldehyde	7.122	77	134055	10.973	ng/ul	99
8) Phenol	7.169	94	262025	9.677	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.404	93	220422	10.462	ng/ul	99
12) 2-Chlorophenol	7.545	128	197306	10.042	ng/ul	97
13) 2-Methylphenol	8.428	108	191033	9.598	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.516	45	303213	12.143	ng/ul	99
16) Acetophenone	8.810	105	333989	10.329	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.792	70	174681	11.196	ng/ul	98
18) 4-Methylphenol	8.751	108	215858	10.030	ng/ul	97
19) Hexachloroethane	9.069	117	82062	10.311	ng/ul	98
22) Nitrobenzene	9.192	77	250013	10.825	ng/ul	98
23) Isophorone	9.722	82	470276	9.986	ng/ul	100
25) 2-Nitrophenol	9.904	139	98631	10.249	ng/ul	97
26) 2,4-Dimethylphenol	9.963	107	236628	9.969	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.204	93	303932	10.828	ng/ul	99
29) 2,4-Dichlorophenol	10.433	162	180710	9.519	ng/ul	99
30) Naphthalene	10.845	128	710818	10.153	ng/ul	100
32) 4-Chloroaniline	10.951	127	310953	10.032	ng/ul	99
33) Hexachlorobutadiene	11.127	225	106561	9.178	ng/ul	96
34) Caprolactam	11.733	113	57136m	9.279	ng/ul	
35) 4-Chloro-3-methylphenol	12.069	107	211798	10.107	ng/ul	99
36) 2-Methylnaphthalene	12.445	142	466005	9.990	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.663	142	469221	10.006	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.810	216	215970	9.272	ng/ul	98
40) Hexachlorocyclopentadiene	12.792	237	110868	9.133	ng/ul	95
41) 2,4,6-Trichlorophenol	13.045	196	129855	9.105	ng/ul	97
42) 2,4,5-Trichlorophenol	13.116	196	144940	9.479	ng/ul	99
43) 1,1'-Biphenyl	13.451	154	613195	10.108	ng/ul	100
44) 2-Chloronaphthalene	13.492	162	470538	9.885	ng/ul	99
45) 2-Nitroaniline	13.692	65	133572	11.400	ng/ul	97
47) Dimethylphthalate	14.068	163	589101	10.006	ng/ul	99
48) 2,6-Dinitrotoluene	14.186	165	92619	9.676	ng/ul	88
50) Acenaphthylene	14.333	152	735100	9.766	ng/ul	100
51) 3-Nitroaniline	14.515	138	108428	9.445	ng/ul	100
52) Acenaphthene	14.674	153	530588	10.074	ng/ul	100
53) 2,4-Dinitrophenol	14.715	184	44106	10.384	ng/ul	99
55) 4-Nitrophenol	14.810	109	89915	9.771	ng/ul	98
56) Dibenzofuran	15.004	168	716679	10.133	ng/ul	99
57) 2,4-Dinitrotoluene	14.968	165	142376	10.231	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.227	232	119455	9.332	ng/ul	97
59) Diethylphthalate	15.427	149	595845	10.110	ng/ul	99
61) Fluorene	15.651	166	601565	9.986	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.645	204	274882	9.541	ng/ul	98
63) 4-Nitroaniline	15.668	138	105957	9.499	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.727	198	73820	9.796	ng/ul#	97
67) N-Nitrosodiphenylamine	15.857	169	493365	9.925	ng/ul	99
68) 4-Bromophenyl-phenylether	16.539	248	146935	8.832	ng/ul	99
69) Hexachlorobenzene	16.651	284	171090	8.695	ng/ul	98
70) Atrazine	16.809	200	156515	8.922	ng/ul	99
71) Pentachlorophenol	16.992	266	87328	7.472	ng/ul	95
72) Phenanthrene	17.386	178	938212	10.092	ng/ul	100
74) Anthracene	17.480	178	931574	9.858	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.416	216	215974	9.356	ng/uL	99
76) Pentachlorobenzene	14.921	250	230036	9.213	ng/uL	98
77) Carbazole	17.745	167	863432	9.869	ng/ul	99
78) Di-n-butylphthalate	18.309	149	954864	9.629	ng/ul	99
80) Fluoranthene	19.398	202	1001679	9.725	ng/ul	99
82) Pyrene	19.756	202	1100758	10.096	ng/ul	99
83) Butylbenzylphthalate	20.650	149	405256	9.809	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.433	252	351789	10.537	ng/ul	98
85) Benzo(a)anthracene	21.497	228	1073348	10.026	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.427	149	613738	10.169	ng/ul	99
87) Chrysene	21.550	228	1025144	10.089	ng/ul	99
89) Di-n-octyl phthalate	22.362	149	1023906	9.755	ng/ul	100
90) Benzo(b)fluoranthene	23.191	252	1095289	9.921	ng/ul	100
91) Benzo(k)fluoranthene	23.244	252	1049067	9.510	ng/ul	99
93) Benzo(a)pyrene	23.827	252	948362	9.772	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.444	276	1150025	10.147	ng/ul	99
95) Dibenzo(a,h)anthracene	26.468	278	1042928	10.147	ng/ul	100
96) Benzo(g,h,i)perylene	27.221	276	1034456	10.528	ng/ul	99

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

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