

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120722\
 Data File : BM037872.D
 Acq On : 07 Dec 2022 15:22
 Operator : CG/JU
 Sample : SSTD08007
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD080009

Manual Integrations

APPROVED

Reviewed By :Jagrut
Upadhyay

12/08/2022

Supervised By :mohammad
ahmed

Quant Time: Dec 08 01:02:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 08 00:59:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	234570	20.000	ng/u1	0.00
20) Naphthalene-d8	10.916	136	960026	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.721	164	567658	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.457	188	1090272	20.000	ng/u1	0.00
79) Chrysene-d12	21.627	240	801775	20.000	ng/u1	0.00
88) Perylene-d12	24.115	264	864020	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	158569m	31.716	ng/uL	0.00
4) Pyridine-d5	3.857	84	1262518	78.076	ng/u1	0.00
7) Phenol-d5	7.251	99	1544540	73.085	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.416	67	932072	75.596	ng/u1	0.00
11) 2-Chlorophenol-d4	7.622	132	1321692	82.717	ng/u1	0.00
15) 4-Methylphenol-d8	8.810	113	1230338	73.207	ng/u1	0.01
21) Nitrobenzene-d5	9.269	128	663050	86.945	ng/u1	0.00
24) 2-Nitrophenol-d4	9.992	143	725192	91.898	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.533	165	1315186	89.867	ng/u1	0.00
31) 4-Chloroaniline-d4	11.051	131	1765316	78.641	ng/u1	0.00
46) Dimethylphthalate-d6	14.133	166	3365901	86.349	ng/u1	0.00
49) Acenaphthylene-d8	14.421	160	4171786	88.000	ng/u1	0.00
54) 4-Nitrophenol-d4	14.921	143	598113	73.925	ng/u1	0.01
60) Fluorene-d10	15.710	176	2938166	83.084	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.833	200	538506	93.763	ng/u1	0.01
73) Anthracene-d10	17.562	188	4156830	82.905	ng/u1	0.00
81) Pyrene-d10	19.839	212	4135012	99.564	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.956	264	3604268	83.269	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.463	88	167166	31.198	ng/uL	93
5) Pyridine	3.881	79	1245877	78.579	ng/u1	96
6) Benzaldehyde	7.222	77	573877	56.384	ng/u1	99
8) Phenol	7.281	94	1546740	71.617	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.510	93	1260146	73.139	ng/u1	99
12) 2-Chlorophenol	7.651	128	1342956	78.087	ng/u1	99
13) 2-Methylphenol	8.539	108	1204711	69.944	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.622	45	2244486	70.107	ng/u1	98
16) Acetophenone	8.928	105	1914647	72.222	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.928	70	935588	70.064	ng/u1	96
18) 4-Methylphenol	8.881	108	1304417	70.192	ng/u1	98
19) Hexachloroethane	9.181	117	541079	82.368	ng/u1	95
22) Nitrobenzene	9.310	77	1374851	86.025	ng/u1	96
23) Isophorone	9.851	82	2600689	75.635	ng/u1	99
25) 2-Nitrophenol	10.028	139	743520	86.945	ng/u1	100
26) 2,4-Dimethylphenol	10.081	107	1383521	84.164	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.322	93	1682311	81.023	ng/u1	99
29) 2,4-Dichlorophenol	10.563	162	1273266	86.014	ng/u1	99
30) Naphthalene	10.963	128	4322352	82.957	ng/u1	100
32) 4-Chloroaniline	11.081	127	1748281	76.963	ng/u1	98
33) Hexachlorobutadiene	11.245	225	796009	86.812	ng/u1	99
34) Caprolactam	11.892	113	337542m	62.794	ng/u1	
35) 4-Chloro-3-methylphenol	12.192	107	1202337	77.832	ng/u1	97
36) 2-Methylnaphthalene	12.563	142	2847766	79.002	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.780	142	2940250	81.496	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.927	216	1479103	90.981	ng/u1	98
40) Hexachlorocyclopentadiene	12.904	237	929754	103.999	ng/u1	99
41) 2,4,6-Trichlorophenol	13.163	196	970689	91.459	ng/u1	98
42) 2,4,5-Trichlorophenol	13.239	196	1035355	91.595	ng/u1	99
43) 1,1'-Biphenyl	13.563	154	3746006	90.785	ng/u1	100
44) 2-Chloronaphthalene	13.604	162	2884138	89.073	ng/u1	97
45) 2-Nitroaniline	13.810	65	771921	84.254	ng/u1	99
47) Dimethylphthalate	14.180	163	3331148	82.048	ng/u1	99
48) 2,6-Dinitrotoluene	14.304	165	705011	85.050	ng/u1	98
50) Acenaphthylene	14.451	152	4552605	86.616	ng/u1	99
51) 3-Nitroaniline	14.633	138	677282	68.453	ng/u1	98
52) Acenaphthene	14.786	153	3074563	84.417	ng/u1	99
53) 2,4-Dinitrophenol	14.833	184	369088	76.237	ng/u1	98
55) 4-Nitrophenol	14.939	109	380999	76.397	ng/u1	91
56) Dibenzofuran	15.121	168	4136012	84.347	ng/u1	100
57) 2,4-Dinitrotoluene	15.086	165	944313	81.568	ng/u1	94
58) 2,3,4,6-Tetrachlorophenol	15.339	232	843747	84.862	ng/u1	93
59) Diethylphthalate	15.533	149	3292295	79.071	ng/u1	98
61) Fluorene	15.768	166	3279278	79.438	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.751	204	1558819	79.206	ng/u1	93
63) 4-Nitroaniline	15.792	138	585637m	58.836	ng/u1	
66) 4,6-Dinitro-2-methylph...	15.845	198	520674	87.944	ng/u1#	95
67) N-Nitrosodiphenylamine	15.968	169	2750727	87.549	ng/u1	100
68) 4-Bromophenyl-phenylether	16.645	248	973802	87.037	ng/u1	97
69) Hexachlorobenzene	16.762	284	1116040	85.421	ng/u1	94
70) Atrazine	16.921	200	941501	87.012	ng/u1	98
71) Pentachlorophenol	17.110	266	675959	84.120	ng/u1	99
72) Phenanthrene	17.504	178	4799492	81.224	ng/u1	99
74) Anthracene	17.598	178	4868131	80.759	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.527	216	1449985	98.636	ng/uL	100
76) Pentachlorobenzene	15.039	250	1383806	86.525	ng/uL	99
77) Carbazole	17.862	167	4248429	76.586	ng/u1	99
78) Di-n-butylphthalate	18.409	149	5334831	76.491	ng/u1	99
80) Fluoranthene	19.509	202	4886668	96.330	ng/u1	99
82) Pyrene	19.874	202	4972139	94.927	ng/u1	99
83) Butylbenzylphthalate	20.750	149	2081475	91.143	ng/u1	98
84) 3,3'-Dichlorobenzidine	21.539	252	1219104	72.581	ng/u1	97
85) Benzo(a)anthracene	21.615	228	4325547	84.322	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.521	149	2958231	85.726	ng/u1	98
87) Chrysene	21.668	228	4067253	85.176	ng/u1	99
89) Di-n-octyl phthalate	22.474	149	4844418	77.910	ng/u1	100
90) Benzo(b)fluoranthene	23.356	252	4433286	79.897	ng/u1	99
91) Benzo(k)fluoranthene	23.403	252	4254028	79.474	ng/u1	99
93) Benzo(a)pyrene	24.009	252	3948899	82.067	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.727	276	5043353	93.229	ng/u1	98
95) Dibenzo(a,h)anthracene	26.738	278	4300154	87.337	ng/u1	98
96) Benzo(g,h,i)perylene	27.526	276	4052342	85.838	ng/u1	99

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

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