

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090622\
 Data File : VW024559.D
 Acq On : 06 Sep 2022 15:27
 Operator : SY/VA
 Sample : VSTD00536
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005436

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel
 09/07/2022

Supervised By :Mahesh
 Dadoda
 09/07/2022

Quant Time: Sep 07 04:37:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 07 04:30:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	321746	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	306159	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	159630	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	32826	4.942	ug/L	0.00
7) Chloroethane-d5	2.873	69	25629	5.189	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	35780m	5.107	ug/L	0.00
21) 2-Butanone-d5	7.080	46	11389m	10.194	ug/L	0.00
24) Chloroform-d	7.647	84	43855	5.312	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.299	65	24192	5.236	ug/L	0.00
32) Benzene-d6	8.269	84	81662	5.423	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.268	67	25219	5.680	ug/L	0.00
41) Toluene-d8	10.317	98	77601	5.286	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	10298	5.175	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	7249	8.882	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	21455	5.041	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	26948	5.330	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	7815	5.177	ug/L	98
3) Chloromethane	2.215	50	27078	5.650	ug/L	97
5) Vinyl chloride	2.355	62	44390	5.494	ug/L	99
6) Bromomethane	2.764	94	33685	6.396	ug/L	95
8) Chloroethane	2.910	64	25678	5.842	ug/L	96
9) Trichlorofluoromethane	3.245	101	26576	5.690	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	24669	5.732	ug/L #	90
12) 1,1-Dichloroethene	4.019	96	20114	5.468	ug/L	92
13) Acetone	4.129	43	9803	10.937	ug/L	91
14) Carbon disulfide	4.373	76	56931	5.849	ug/L	99
15) Methyl Acetate	4.672	43	10267m	5.244	ug/L	
16) Methylene chloride	4.909	84	31783	6.620	ug/L	96
17) trans-1,2-Dichloroethene	5.409	96	23013m	5.470	ug/L	
18) Methyl tert-butyl Ether	5.428	73	36683	4.889	ug/L #	65
19) 1,1-Dichloroethane	6.208	63	41002	5.348	ug/L	96
20) cis-1,2-Dichloroethene	7.159	96	24693	5.223	ug/L	87
22) 2-Butanone	7.177	43	15015	10.193	ug/L	80
23) Bromochloromethane	7.507	128	11083	5.067	ug/L	86
25) Chloroform	7.671	83	44582	5.235	ug/L	97
27) 1,2-Dichloroethane	8.397	62	29473	5.149	ug/L #	93
29) Cyclohexane	7.946	56	31797	5.365	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	36829	5.485	ug/L	99
31) Carbon tetrachloride	8.061	117	34986	5.705	ug/L	96
33) Benzene	8.323	78	97324	5.601	ug/L	100
34) Trichloroethene	9.092	95	25175	5.547	ug/L	97
35) Methylcyclohexane	9.329	83	40371	5.560	ug/L	97
37) 1,2-Dichloropropane	9.366	63	23468	5.408	ug/L	98
38) Bromodichloromethane	9.640	83	32367	5.277	ug/L	100
39) cis-1,3-Dichloropropene	10.067	75	32225	5.078	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	26217	9.158	ug/L	100
42) Toluene	10.384	91	102069	5.328	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	29611	4.940	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	19137	5.276	ug/L	98
46) Tetrachloroethene	10.860	164	17479	5.227	ug/L	98
48) 2-Hexanone	10.969	43	18706	9.528	ug/L	98
49) Dibromochloromethane	11.128	129	21051	4.965	ug/L	94
50) 1,2-Dibromoethane	11.232	107	17382	4.938	ug/L	97
51) Chlorobenzene	11.652	112	70547	5.330	ug/L	92
52) Ethylbenzene	11.725	91	112968	5.194	ug/L	92
53) m,p-Xylene	11.835	106	43901	5.166	ug/L	89
54) o-Xylene	12.164	106	40286	4.979	ug/L	88
55) Styrene	12.176	104	70458	4.947	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	23322	5.079	ug/L	99
59) Bromoform	12.353	173	10658	4.593	ug/L #	97
60) Isopropylbenzene	12.463	105	112056	5.185	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	17646	5.343	ug/L	96
62) 1,3,5-Trimethylbenzene	12.939	105	89145	4.967	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	91611	5.129	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	50901	5.227	ug/L	97
65) 1,4-Dichlorobenzene	13.573	146	55177	5.375	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	47462	5.226	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	3653	4.675	ug/L	93
69) 1,3,5-Trichlorobenzene	14.621	180	33822	5.347	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	25316	5.044	ug/L	96
71) Naphthalene	15.365	128	49937	4.497	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	23699	5.075	ug/L	99

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

Manual Integrations

Supervised By :Mahesh
Dadoda
09/07/2022

TIC: VW024559.D\data.ms 09/07/2022

Abundance

Time-->

Chlorodifluoromethane, T
Chloromethane, T
Vinyl chloride, d3, S
Chlorobenzene, T
Bromomethane, T
Chloroethane, T
Trichlorofluoromethane, T
Acetone, T
1,1,1-Trichloroethane, T
1,1,2-Dichloroethane, T
Carbon disulfide, T
Methyl acetate, T
Methylene chloride, T
Methyl tert-butyl ether, T
1,1-Dichloroethane, T
1,1-Dichloroethane, T
2-Butanone, d5, S
1,2-Dichloroethane, T
Bromochloromethane, T
Carbon tetrachloride, T
1,1,1-Trichloroethane, T
Carbon tetrachloride, T
1,2-Dichloroethane, T
1,2-Dichloroethane, T
1,2-Dichloroethane, T
1,4-Difluorobenzene, I
Trichloroethene, T
1,2-Dichlorobenzene, T
1,2-Dichlorobenzene, T
Bromodichloromethane, T
cis-1,3-Dichloropropene, T
4-Methyl-2-pentanone, T
Toluene, d8, S
trans-1,3-Dichloropropene, T
1,1,2-Trichloroethane, T
1,1,2-Trichloroethane, T
Dibromochloromethane, T
1,2-Dibromobenzene, T
Ethylbenzene, T
m,p-Xylene, I
Styrene, T
Isopropylbenzene
Bromobenzene, T
1,2-Dichlorobenzene, T
1,3-Dichlorobenzene, T
1,4-Dichlorobenzene, T
1,2-Dichlorobenzene, T
1,3-Dichlorobenzene, T
1,2-Dibromo-3-chloropropane, T
1,3,5-Trichlorobenzene
1,2,4-trichlorobenzene, T
Naphthalene
1,2,3-Trichlorobenzene, T