

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030123\
 Data File : VD075429.D
 Acq On : 01 Mar 2023 15:59
 Operator : KP/SY
 Sample : VSTD10015
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :

MSVOA_D

ClientSampleId :

VSTD100115

Manual Integrations

APPROVED

Reviewed By :Krupa
 Patel

03/02/2023

Supervised By :Mahesh
 Dadoda

03/03/2023

Quant Time: Mar 02 01:04:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDL030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 02 01:01:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	397991	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	369995	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	195140	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	760044	76.912	ug/L	0.00
7) Chloroethane-d5	2.799	69	659554	77.105	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.923	63	820340	88.874	ug/L	0.00
21) 2-Butanone-d5	6.987	46	171928	187.745	ug/L	0.00
24) Chloroform-d	7.569	84	888274	85.165	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	380362	84.179	ug/L	0.00
32) Benzene-d6	8.199	84	1848509	84.125	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	515270	82.968	ug/L	0.00
41) Toluene-d8	10.269	98	1760055	87.803	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	222371	87.622	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	174031	194.246	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	435053	83.746	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	611707	89.617	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	586686	95.817	ug/L	99
3) Chloromethane	2.146	50	886199	86.064	ug/L	98
5) Vinyl chloride	2.281	62	1212031	93.596	ug/L	99
6) Bromomethane	2.687	94	691410	112.656	ug/L	99
8) Chloroethane	2.834	64	768243	93.452	ug/L	99
9) Trichlorofluoromethane	3.176	101	922133	95.124	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	653779	97.625	ug/L	99
12) 1,1-Dichloroethene	3.940	96	603647	102.352	ug/L	96
13) Acetone	4.023	43	181973	174.919	ug/L	97
14) Carbon disulfide	4.270	76	1561371	94.692	ug/L	97
15) Methyl Acetate	4.564	43	172063	97.390	ug/L	98
16) Methylene chloride	4.799	84	624816	74.302	ug/L	99
17) trans-1,2-Dichloroethene	5.311	96	644690	101.990	ug/L	98
18) Methyl tert-butyl Ether	5.322	73	1291436	109.935	ug/L	98
19) 1,1-Dichloroethane	6.111	63	1050582	98.247	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	741897	103.898	ug/L	100
22) 2-Butanone	7.081	43	253268	192.936	ug/L	96
23) Bromochloromethane	7.428	128	308553	100.861	ug/L	91
25) Chloroform	7.593	83	1131828	97.071	ug/L	99
27) 1,2-Dichloroethane	8.328	62	591461m	94.065	ug/L	
29) Cyclohexane	7.875	56	835266	105.504	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	948508	95.341	ug/L	99
31) Carbon tetrachloride	7.993	117	790936	100.096	ug/L	100
33) Benzene	8.252	78	2601178	97.825	ug/L	100
34) Trichloroethene	9.028	95	672758	96.880	ug/L	98
35) Methylcyclohexane	9.275	83	1143097	105.510	ug/L	99
37) 1,2-Dichloropropane	9.305	63	636272	97.378	ug/L	99
38) Bromodichloromethane	9.587	83	820967	94.981	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	1046014	104.604	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	536535	214.121	ug/L	100
42) Toluene	10.334	91	2992722	102.759	ug/L	99
44) trans-1,3-Dichloropropene	10.552	75	861478	104.564	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	512602	98.223	ug/L	98
46) Tetrachloroethene	10.810	164	535876	100.707	ug/L	99
48) 2-Hexanone	10.922	43	386180	209.468	ug/L	97
49) Dibromochloromethane	11.075	129	578590	101.493	ug/L	99
50) 1,2-Dibromoethane	11.181	107	467327	99.064	ug/L	95
51) Chlorobenzene	11.610	112	1932060	102.113	ug/L	99
52) Ethylbenzene	11.687	91	3286776	106.172	ug/L	99
53) m,p-Xylene	11.793	106	1314116	107.741	ug/L	98
54) o-Xylene	12.122	106	1302286	112.871	ug/L	97
55) Styrene	12.140	104	2263152	110.440	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	565534	99.011	ug/L	98
59) Bromoform	12.299	173	339480	96.410	ug/L	99
60) Isopropylbenzene	12.422	105	3393642	103.404	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	355821	90.963	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	2690189	109.193	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	2646541	109.860	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	1486300	102.375	ug/L	96
65) 1,4-Dichlorobenzene	13.540	146	1485787	99.489	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	1330841	102.880	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	73825	97.185	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.598	180	950732	104.429	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	796914	108.868	ug/L	97
71) Naphthalene	15.334	128	1652337	113.810	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	701704	108.754	ug/L	100

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

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