

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050323\
 Data File : VD075991.D
 Acq On : 03 May 2023 19:56
 Operator : KP/SY
 Sample : 02593-05MS
 Misc : 5.65G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCJ0MS

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/04/2023
 Supervised By :Mahesh Dadoda 05/04/2023

Quant Time: May 04 03:10:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 04 02:54:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	40961	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	46493	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	23872	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	15729	17.504	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.000%
7) Chloroethane-d5	2.799	69	17407	22.420	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.680%
11) 1,1-Dichloroethene-d2	3.905	65	3512	16.953	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.800%
21) 2-Butanone-d5	6.987	46	12889	165.227	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	330.460%#
24) Chloroform-d	7.569	84	29650	28.947	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	115.800%
26) 1,2-Dichloroethane-d4	8.228	65	18944	43.309	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	173.240%#
32) Benzene-d6	8.199	84	51675	19.070	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.280%
36) 1,2-Dichloropropane-d6	9.210	67	18748	24.996	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.000%
41) Toluene-d8	10.269	98	45103	17.779	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.120%
43) trans-1,3-Dichloroprop...	10.528	79	8617	27.794	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	111.160%
47) 2-Hexanone-d5	10.881	63	10390	115.047	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	230.100%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	29288	51.029	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	204.120%#
66) 1,2-Dichlorobenzene-d4	13.816	152	19438	23.020	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	9333	16.528	ug/L	100
3) Chloromethane	2.146	50	23672	30.072	ug/L	97
5) Vinyl chloride	2.281	62	23366	22.712	ug/L	95
6) Bromomethane	2.687	94	18245	26.392	ug/L	93
8) Chloroethane	2.834	64	17313	26.021	ug/L	95
9) Trichlorofluoromethane	3.169	101	14748	17.841	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	3.952	101	10076m	18.144	ug/L	
12) 1,1-Dichloroethene	3.934	96	10173	18.889	ug/L	88
13) Acetone	4.022	43	38473	576.316	ug/L	96
14) Carbon disulfide	4.263	76	39656	21.081	ug/L	99
15) Methyl Acetate	4.569	43	13463	93.056	ug/L #	62
16) Methylene chloride	4.799	84	24004	28.888	ug/L	92
17) trans-1,2-Dichloroethene	5.305	96	14657	24.271	ug/L	92
18) Methyl tert-butyl Ether	5.316	73	42278	43.644	ug/L #	81
19) 1,1-Dichloroethane	6.110	63	26565	30.028	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	18395	28.807	ug/L	98
22) 2-Butanone	7.081	43	16745	192.406	ug/L	91
23) Bromochloromethane	7.422	128	12390	41.838	ug/L #	84
25) Chloroform	7.593	83	32125	32.400	ug/L	95

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27) 1,2-Dichloroethane	8.328	62	23073	45.082	ug/L	100
29) Cyclohexane	7.869	56	9248	11.619	ug/L #	90
30) 1,1,1-Trichloroethane	7.793	97	18289	18.592	ug/L	97
31) Carbon tetrachloride	7.987	117	11360	14.394	ug/L	99
33) Benzene	8.246	78	59670	21.218	ug/L	100
34) Trichloroethene	9.022	95	13562	18.648	ug/L	98
35) Methylcyclohexane	9.275	83	10312	9.196	ug/L	90
37) 1,2-Dichloropropane	9.304	63	17363	26.877	ug/L	99
38) Bromodichloromethane	9.587	83	25372	29.128	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	24597	23.941	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	27214	115.542	ug/L	92
42) Toluene	10.334	91	60985	20.039	ug/L	97
44) trans-1,3-Dichloropropene	10.557	75	25553	30.961	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	21907	39.861	ug/L	95
46) Tetrachloroethene	10.810	164	12545	21.030	ug/L	87
48) 2-Hexanone	10.922	43	20587	123.984	ug/L	87
49) Dibromochloromethane	11.075	129	21106	35.276	ug/L	93
50) 1,2-Dibromoethane	11.181	107	21757	43.910	ug/L	93
51) Chlorobenzene	11.604	112	45253	22.729	ug/L	97
52) Ethylbenzene	11.687	91	53671	17.198	ug/L	98
53) m,p-Xylene	11.792	106	22344	17.981	ug/L	91
54) o-Xylene	12.122	106	23574	19.973	ug/L	77
55) Styrene	12.134	104	42946	20.906	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	29932	53.527	ug/L	94
59) Bromoform	12.304	173	15381	42.040	ug/L	99
60) Isopropylbenzene	12.422	105	48763	15.405	ug/L	98
61) 1,2,3-Trichloropropane	12.722	75	20530	54.746	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	37198	15.759	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	37932	16.671	ug/L	96
64) 1,3-Dichlorobenzene	13.463	146	33927	22.401	ug/L	94
65) 1,4-Dichlorobenzene	13.539	146	34476	21.689	ug/L	97
67) 1,2-Dichlorobenzene	13.834	146	35009	25.884	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	4388	58.532	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.598	180	20807	20.497	ug/L	97
70) 1,2,4-trichlorobenzene	15.104	180	17136	20.370	ug/L	99
71) Naphthalene	15.333	128	51735	33.605	ug/L	99
72) 1,2,3-Trichlorobenzene	15.528	180	18478	24.607	ug/L	98

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

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