

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061024\
 Data File : VD079159.D
 Acq On : 10 Jun 2024 15:26
 Operator : RP/MD
 Sample : P2775-02MS
 Misc : 5.30G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A4BQ3MS

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/13/2024
 Supervised By :Semsettin Yesilyurt 06/13/2024

Quant Time: Jun 11 02:48:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDL052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 11 02:46:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	99014	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	66612	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	17149	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	81712	26.818	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 107.280%	
7) Chloroethane-d5	2.799	69	82496	28.001	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 112.000%	
11) 1,1-Dichloroethene-d2	3.916	65	13375	24.727	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 98.920%	
21) 2-Butanone-d5	6.987	46	8879	38.099	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 76.200%	
24) Chloroform-d	7.569	84	77198	27.885	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 111.520%	
26) 1,2-Dichloroethane-d4	8.228	65	35674	27.933	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 111.720%	
32) Benzene-d6	8.198	84	146091	39.562	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 158.240%#	
36) 1,2-Dichloropropane-d6	9.210	67	43020	40.443	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 161.760%#	
41) Toluene-d8	10.269	98	109481	31.664	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 126.640%	
43) trans-1,3-Dichloroprop...	10.528	79	14129	31.602	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 126.400%	
47) 2-Hexanone-d5	10.881	63	7409	53.878	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 107.760%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	22920	24.327	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 97.320%	
66) 1,2-Dichlorobenzene-d4	13.816	152	13133	22.190	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 88.760%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	42507	27.120	ug/L	99
3) Chloromethane	2.146	50	76863	36.793	ug/L	98
5) Vinyl chloride	2.281	62	111667	32.386	ug/L	97
6) Bromomethane	2.693	94	72808	27.352	ug/L	99
8) Chloroethane	2.834	64	78851	31.201	ug/L	98
9) Trichlorofluoromethane	3.169	101	72189	27.483	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	37560	23.847	ug/L	99
12) 1,1-Dichloroethene	3.940	96	38554	28.116	ug/L	96
13) Acetone	4.022	43	13156	38.992	ug/L	94
14) Carbon disulfide	4.269	76	122161	25.538	ug/L	99
15) Methyl Acetate	4.563	43	9182m	19.974	ug/L	
16) Methylene chloride	4.804	84	62619	35.493	ug/L	94
17) trans-1,2-Dichloroethene	5.304	96	44060	29.732	ug/L	97
18) Methyl tert-butyl Ether	5.316	73	78118	29.723	ug/L	98
19) 1,1-Dichloroethane	6.110	63	76150	31.917	ug/L #	91
20) cis-1,2-Dichloroethene	7.081	96	47058	30.497	ug/L	92
22) 2-Butanone	7.075	43	15040m	42.433	ug/L	
23) Bromochloromethane	7.428	128	23451	29.977	ug/L	94
25) Chloroform	7.598	83	84556	31.215	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	46220	29.393	ug/L #	93
29) Cyclohexane	7.881	56	30100	25.045	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	64800	41.089	ug/L	99
31) Carbon tetrachloride	7.993	117	53196	36.298	ug/L	98
33) Benzene	8.251	78	175137	44.144	ug/L	100
34) Trichloroethene	9.022	95	36070	35.299	ug/L	92
35) Methylcyclohexane	9.269	83	27963	16.515	ug/L	97
37) 1,2-Dichloropropane	9.298	63	42062	43.283	ug/L	98
38) Bromodichloromethane	9.581	83	54869	40.616	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	51810	34.153	ug/L	98
40) 4-Methyl-2-pentanone	10.163	43	27137	66.895	ug/L	96
42) Toluene	10.334	91	152513	34.619	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	42763	33.335	ug/L	92
45) 1,1,2-Trichloroethane	10.734	97	31304	36.718	ug/L	97
46) Tetrachloroethene	10.810	164	22318	24.805	ug/L	90
48) 2-Hexanone	10.922	43	19491	55.525	ug/L	96
49) Dibromochloromethane	11.075	129	32746	32.435	ug/L	99
50) 1,2-Dibromoethane	11.175	107	27284	34.822	ug/L #	96
51) Chlorobenzene	11.604	112	73376	25.032	ug/L	98
52) Ethylbenzene	11.681	91	111208	24.200	ug/L	99
53) m,p-Xylene	11.792	106	42140	23.373	ug/L	89
54) o-Xylene	12.122	106	39297	22.560	ug/L	83
55) Styrene	12.134	104	66686	21.591	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	24719	25.902	ug/L	90
59) Bromoform	12.298	173	16016	50.957	ug/L	99
60) Isopropylbenzene	12.422	105	82558	36.408	ug/L	98
61) 1,2,3-Trichloropropane	12.722	75	18687	61.721	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	42870	27.651	ug/L	94
63) 1,2,4-Trimethylbenzene	13.210	105	46359	27.956	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	28733	26.377	ug/L	93
65) 1,4-Dichlorobenzene	13.539	146	27084	23.465	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	23241	23.079	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.445	75	2378	38.207	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.592	180	9034	13.149	ug/L #	96
70) 1,2,4-trichlorobenzene	15.104	180	5580	9.779	ug/L #	90
71) Naphthalene	15.333	128	13518	12.668	ug/L #	90
72) 1,2,3-Trichlorobenzene	15.522	180	4300	8.719	ug/L	94

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

