

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091024\
 Data File : VD079808.D
 Acq On : 10 Sep 2024 10:09
 Operator : RP/MD
 Sample : VSTD2.537
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD2.5837

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024
 Supervised By :Mahesh Dadoda 09/11/2024

Quant Time: Sep 11 05:54:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 11 05:52:36 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	157528	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	154083	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	64888	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	18464	2.696	ug/L	0.00
7) Chloroethane-d5	2.805	69	15301	2.821	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.911	65	3179	2.556	ug/L	0.00
21) 2-Butanone-d5	6.999	46	3328m	5.229	ug/L	0.01
24) Chloroform-d	7.563	84	14038	2.711	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	7531	2.781	ug/L	0.00
32) Benzene-d6	8.199	84	27322	2.512	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.205	67	8843	2.654	ug/L	0.00
41) Toluene-d8	10.263	98	22363	2.336	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	3691	2.577	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	2449	4.509	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.646	84	6184	2.526	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	6075	2.483	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	8155	2.715	ug/L	91
3) Chloromethane	2.152	50	14271	2.710	ug/L	95
5) Vinyl chloride	2.281	62	16612	2.575	ug/L	93
6) Bromomethane	2.693	94	7830	2.426	ug/L	91
8) Chloroethane	2.834	64	11562	2.712	ug/L	88
9) Trichlorofluoromethane	3.175	101	13605	2.933	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.970	101	7164	2.790	ug/L #	77
12) 1,1-Dichloroethene	3.934	96	6227	2.604	ug/L	99
13) Acetone	4.022	43	3484m	4.490	ug/L	
14) Carbon disulfide	4.264	76	22233	2.858	ug/L	99
15) Methyl Acetate	4.564	43	3288m	2.660	ug/L	
16) Methylene chloride	4.793	84	9279	2.981	ug/L	92
17) trans-1,2-Dichloroethene	5.311	96	6558m	2.571	ug/L	
18) Methyl tert-butyl Ether	5.328	73	13268m	2.313	ug/L	
19) 1,1-Dichloroethane	6.111	63	13544	2.674	ug/L	92
20) cis-1,2-Dichloroethene	7.087	96	6899m	2.457	ug/L	
22) 2-Butanone	7.081	43	3932m	4.320	ug/L	
23) Bromochloromethane	7.428	128	2943	2.469	ug/L #	85
25) Chloroform	7.593	83	15247	2.891	ug/L	88
27) 1,2-Dichloroethane	8.322	62	8684	2.694	ug/L #	79
29) Cyclohexane	7.869	56	8750m	2.296	ug/L	
30) 1,1,1-Trichloroethane	7.793	97	11706	2.787	ug/L #	81
31) Carbon tetrachloride	7.993	117	9852	2.648	ug/L	100
33) Benzene	8.246	78	28634	2.496	ug/L	100
34) Trichloroethene	9.022	95	7030m	2.647	ug/L	
35) Methylcyclohexane	9.269	83	10439	2.440	ug/L	97
37) 1,2-Dichloropropane	9.299	63	7584	2.424	ug/L #	100
38) Bromodichloromethane	9.587	83	9663	2.650	ug/L #	87
39) cis-1,3-Dichloropropene	10.016	75	9245	2.104	ug/L	93
40) 4-Methyl-2-pentanone	10.157	43	7218	4.407	ug/L #	97
42) Toluene	10.334	91	27902	2.309	ug/L	98
44) trans-1,3-Dichloropropene	10.552	75	8475	2.189	ug/L	87

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45) 1,1,2-Trichloroethane	10.734	97	5245	2.454	ug/L	89
46) Tetrachloroethene	10.810	164	4302	2.390	ug/L	94
48) 2-Hexanone	10.922	43	5549	4.165	ug/L #	95
49) Dibromochloromethane	11.069	129	5961	2.555	ug/L	100
50) 1,2-Dibromoethane	11.181	107	4599	2.491	ug/L #	78
51) Chlorobenzene	11.604	112	18248	2.516	ug/L #	87
52) Ethylbenzene	11.681	91	29265	2.305	ug/L	97
53) m,p-Xylene	11.793	106	10970	2.281	ug/L	96
54) o-Xylene	12.116	106	10234	2.171	ug/L	85
55) Styrene	12.134	104	17227	2.079	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.669	83	6289	2.510	ug/L #	95
59) Bromoform	12.299	173	2932	2.618	ug/L #	97
60) Isopropylbenzene	12.416	105	26794	2.392	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	4391	2.753	ug/L #	90
62) 1,3,5-Trimethylbenzene	12.898	105	16619	2.028	ug/L	97
63) 1,2,4-Trimethylbenzene	13.210	105	18492	2.152	ug/L	98
64) 1,3-Dichlorobenzene	13.451	146	11551	2.495	ug/L	96
65) 1,4-Dichlorobenzene	13.534	146	12681	2.611	ug/L	90
67) 1,2-Dichlorobenzene	13.828	146	10318	2.466	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.445	75	932m	2.856	ug/L	
69) 1,3,5-Trichlorobenzene	14.593	180	6941	2.473	ug/L	96
70) 1,2,4-trichlorobenzene	15.098	180	6143	2.599	ug/L	94
71) Naphthalene	15.328	128	12486	2.365	ug/L #	96
72) 1,2,3-Trichlorobenzene	15.516	180	4872	2.304	ug/L	97

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

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