

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052924\
 Data File : VD079054.D
 Acq On : 29 May 2024 09:27
 Operator : RP/MD
 Sample : VSTD2.501
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD2.5801

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/31/2024
 Supervised By :Semsettin Yesilyurt 05/31/2024

Quant Time: May 30 00:40:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 30 00:39:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	184956	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	183813	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	84654	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	14834	3.045	ug/L	0.00
7) Chloroethane-d5	2.805	69	15028	2.965	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.917	65	2667	2.855	ug/L	0.00
21) 2-Butanone-d5	6.981	46	2304m	3.729	ug/L	0.00
24) Chloroform-d	7.569	84	14361	2.570	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	6500	2.470	ug/L	0.00
32) Benzene-d6	8.205	84	24866	2.555	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.216	67	8601	2.935	ug/L	0.00
41) Toluene-d8	10.269	98	22071	2.427	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	2892	2.154	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	1650	2.991	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.645	84	7257	2.272	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	7726	2.621	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	7545	2.063	ug/L	97
3) Chloromethane	2.152	50	10316	2.262	ug/L	94
5) Vinyl chloride	2.281	62	16826	2.255	ug/L	96
6) Bromomethane	2.693	94	13689	2.503	ug/L	88
8) Chloroethane	2.840	64	12966	2.279	ug/L #	80
9) Trichlorofluoromethane	3.175	101	12337	2.063	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	7612	2.094	ug/L #	87
12) 1,1-Dichloroethene	3.940	96	5983m	1.876	ug/L	
13) Acetone	4.028	43	2850	3.679	ug/L	75
14) Carbon disulfide	4.275	76	23153	2.396	ug/L	95
15) Methyl Acetate	4.569	43	2289m	1.900	ug/L	
16) Methylene chloride	4.793	84	11437m	2.658	ug/L	
17) trans-1,2-Dichloroethene	5.311	96	6471	1.989	ug/L	86
18) Methyl tert-butyl Ether	5.328	73	10574m	1.582	ug/L	
19) 1,1-Dichloroethane	6.105	63	11694m	2.191	ug/L	
20) cis-1,2-Dichloroethene	7.081	96	6699	1.847	ug/L	93
22) 2-Butanone	7.081	43	2769m	3.234	ug/L	
23) Bromochloromethane	7.434	128	3837m	2.112	ug/L	
25) Chloroform	7.599	83	13182	2.063	ug/L	96
27) 1,2-Dichloroethane	8.334	62	7297m	1.966	ug/L	
29) Cyclohexane	7.881	56	6265	1.743	ug/L #	10
30) 1,1,1-Trichloroethane	7.793	97	10987	2.190	ug/L	99
31) Carbon tetrachloride	7.993	117	10291	2.226	ug/L	91
33) Benzene	8.246	78	24762	1.981	ug/L	100
34) Trichloroethene	9.028	95	6846	2.122	ug/L	92
35) Methylcyclohexane	9.275	83	9466	1.898	ug/L #	78
37) 1,2-Dichloropropane	9.299	63	6485	2.069	ug/L #	85
38) Bromodichloromethane	9.581	83	9847	2.241	ug/L	82
39) cis-1,3-Dichloropropene	10.016	75	9702	1.976	ug/L	99
40) 4-Methyl-2-pentanone	10.152	43	4611	2.980	ug/L	97
42) Toluene	10.334	91	26493	1.918	ug/L	96
44) trans-1,3-Dichloropropene	10.557	75	7538	1.742	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	5894	2.086	ug/L	94
46) Tetrachloroethene	10.816	164	6069	2.161	ug/L #	72
48) 2-Hexanone	10.916	43	3591	2.920	ug/L #	84
49) Dibromochloromethane	11.075	129	7365	2.138	ug/L	81
50) 1,2-Dibromoethane	11.181	107	5151	1.911	ug/L #	96
51) Chlorobenzene	11.604	112	19284	2.001	ug/L	93
52) Ethylbenzene	11.681	91	25873	1.752	ug/L	99
53) m,p-Xylene	11.793	106	9790	1.655	ug/L	98
54) o-Xylene	12.116	106	8654	1.498	ug/L	81
55) Styrene	12.134	104	15233	1.511	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	6729	1.974	ug/L	89
59) Bromoform	12.293	173	4273	2.280	ug/L #	95
60) Isopropylbenzene	12.422	105	23545	1.885	ug/L	98
61) 1,2,3-Trichloropropane	12.722	75	3770	1.984	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.904	105	15415	1.697	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	16153	1.728	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	12786	2.115	ug/L	88
65) 1,4-Dichlorobenzene	13.534	146	14753	2.268	ug/L	94
67) 1,2-Dichlorobenzene	13.828	146	11960	2.097	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.440	75	762m	1.941	ug/L	
69) 1,3,5-Trichlorobenzene	14.592	180	8015	2.044	ug/L	98
70) 1,2,4-trichlorobenzene	15.092	180	6998	2.111	ug/L	94
71) Naphthalene	15.328	128	11643	1.747	ug/L #	91
72) 1,2,3-Trichlorobenzene	15.522	180	5216	1.703	ug/L	93

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

