

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062724\
 Data File : VD079271.D
 Acq On : 27 Jun 2024 12:36
 Operator : RP/MD
 Sample : VSTD00532
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD005832

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/05/2024
 Supervised By :Semsettin Yesilyurt 07/05/2024

Quant Time: Jun 28 06:02:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM062724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 28 06:00:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	165716	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	169475	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	77589	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	21555	4.556	ug/L	0.00
7) Chloroethane-d5	2.793	69	19898	4.770	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.905	65	4367	4.694	ug/L	0.00
21) 2-Butanone-d5	6.981	46	5028m	9.043	ug/L	0.00
24) Chloroform-d	7.569	84	23711	4.657	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	11071	4.538	ug/L	0.00
32) Benzene-d6	8.193	84	47091	4.599	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	14196	4.619	ug/L	0.00
41) Toluene-d8	10.263	98	39085	4.217	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	5977	4.458	ug/L	0.00
47) 2-Hexanone-d5	10.869	63	4084	8.136	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.646	84	14003	4.660	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.810	152	14543	4.830	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	14637	5.113	ug/L	96
3) Chloromethane	2.146	50	20809	5.181	ug/L	96
5) Vinyl chloride	2.276	62	25990	4.887	ug/L	99
6) Bromomethane	2.681	94	17592	4.845	ug/L	94
8) Chloroethane	2.823	64	17531	4.942	ug/L	98
9) Trichlorofluoromethane	3.170	101	20075	5.074	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	12400	4.904	ug/L #	74
12) 1,1-Dichloroethene	3.928	96	9863	4.303	ug/L	97
13) Acetone	4.017	43	3952m	9.330	ug/L	
14) Carbon disulfide	4.270	76	40681	4.909	ug/L	100
15) Methyl Acetate	4.570	43	4751	4.729	ug/L #	76
16) Methylene chloride	4.799	84	22770	5.502	ug/L	89
17) trans-1,2-Dichloroethene	5.305	96	11639	4.582	ug/L	88
18) Methyl tert-butyl Ether	5.322	73	22580m	4.326	ug/L	
19) 1,1-Dichloroethane	6.105	63	20994m	4.922	ug/L	
20) cis-1,2-Dichloroethene	7.075	96	12690	4.458	ug/L	91
22) 2-Butanone	7.081	43	5315m	8.438	ug/L	
23) Bromochloromethane	7.422	128	6947	4.833	ug/L	87
25) Chloroform	7.593	83	24002	4.982	ug/L	85
27) 1,2-Dichloroethane	8.322	62	13342	4.859	ug/L	99
29) Cyclohexane	7.875	56	12811	4.291	ug/L	98
30) 1,1,1-Trichloroethane	7.799	97	17948m	4.889	ug/L	
31) Carbon tetrachloride	7.987	117	16919	5.108	ug/L	99
33) Benzene	8.246	78	48780	4.607	ug/L	100
34) Trichloroethene	9.022	95	12168	4.702	ug/L	96
35) Methylcyclohexane	9.275	83	16468	4.127	ug/L	98
37) 1,2-Dichloropropane	9.305	63	13196	4.770	ug/L #	91
38) Bromodichloromethane	9.581	83	17129	4.834	ug/L	90
39) cis-1,3-Dichloropropene	10.016	75	17959	4.423	ug/L	92
40) 4-Methyl-2-pentanone	10.157	43	11469	8.745	ug/L	93
42) Toluene	10.334	91	49124	4.360	ug/L	92
44) trans-1,3-Dichloropropene	10.552	75	15307	4.315	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	11798	4.963	ug/L	88
46) Tetrachloroethene	10.805	164	9879	4.794	ug/L	87
48) 2-Hexanone	10.916	43	7910	8.262	ug/L	99
49) Dibromochloromethane	11.069	129	12438	4.845	ug/L	94
50) 1,2-Dibromoethane	11.181	107	10744	4.804	ug/L	100
51) Chlorobenzene	11.604	112	35911	4.703	ug/L	97
52) Ethylbenzene	11.681	91	48039	4.131	ug/L	96
53) m,p-Xylene	11.793	106	18718	4.081	ug/L	97
54) o-Xylene	12.116	106	19047	4.132	ug/L	86
55) Styrene	12.134	104	32781	3.976	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.669	83	14583	5.030	ug/L #	95
59) Bromoform	12.299	173	7857	5.160	ug/L #	99
60) Isopropylbenzene	12.422	105	45551	4.498	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	9229	5.608	ug/L	94
62) 1,3,5-Trimethylbenzene	12.899	105	29512	4.096	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	33161	4.227	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	23514	4.625	ug/L	95
65) 1,4-Dichlorobenzene	13.534	146	26637	4.969	ug/L	95
67) 1,2-Dichlorobenzene	13.828	146	24197	4.927	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.445	75	1682	5.083	ug/L	96
69) 1,3,5-Trichlorobenzene	14.593	180	15071	4.749	ug/L	95
70) 1,2,4-trichlorobenzene	15.093	180	12336	4.688	ug/L	95
71) Naphthalene	15.334	128	24387	4.270	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	11217	4.484	ug/L	97

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

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