

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092624\
 Data File : VW030251.D
 Acq On : 26 Sep 2024 10:54
 Operator : SY/MD
 Sample : VSTD00577
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005477

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/27/2024
 Supervised By :Semsettin Yesilyurt 09/27/2024

Quant Time: Sep 27 04:07:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 27 04:06:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	180958	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	163814	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	81197	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	12221	5.005	ug/L	0.00
7) Chloroethane-d5	2.899	69	8350	4.640	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	6111	5.053	ug/L	0.00
21) 2-Butanone-d5	7.087	46	5300	8.446	ug/L	0.00
24) Chloroform-d	7.654	84	26653	4.974	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	13396	4.902	ug/L	0.00
32) Benzene-d6	8.276	84	50377	4.868	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	16046	5.008	ug/L	0.00
41) Toluene-d8	10.325	98	42756	4.649	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	5600	4.612	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	3361	7.495	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	10327	4.719	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	13646	4.829	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	9218	4.735	ug/L	98
3) Chloromethane	2.216	50	12686	4.564	ug/L	97
5) Vinyl chloride	2.375	62	13495	4.819	ug/L	97
6) Bromomethane	2.789	94	8514	5.011	ug/L	96
8) Chloroethane	2.936	64	8008	4.886	ug/L	93
9) Trichlorofluoromethane	3.271	101	11573	4.677	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	13050m	5.799	ug/L	
12) 1,1-Dichloroethene	4.039	96	11458m	4.994	ug/L	
13) Acetone	4.131	43	6267	7.834	ug/L	93
14) Carbon disulfide	4.387	76	41546	5.020	ug/L	99
15) Methyl Acetate	4.679	43	5705m	4.909	ug/L	
16) Methylene chloride	4.917	84	13921	5.022	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	12806	4.898	ug/L	99
18) Methyl tert-butyl Ether	5.435	73	16629	4.642	ug/L #	89
19) 1,1-Dichloroethane	6.216	63	26733	5.072	ug/L	97
20) cis-1,2-Dichloroethene	7.179	96	13679	4.886	ug/L	86
22) 2-Butanone	7.179	43	7855m	7.857	ug/L	
23) Bromochloromethane	7.514	128	5603	4.906	ug/L	96
25) Chloroform	7.679	83	26634	5.193	ug/L	98
27) 1,2-Dichloroethane	8.404	62	16853	5.074	ug/L #	94
29) Cyclohexane	7.953	56	17787	4.267	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	20444	5.042	ug/L	98
31) Carbon tetrachloride	8.069	117	18297	4.980	ug/L	100
33) Benzene	8.325	78	56962	5.074	ug/L	100
34) Trichloroethene	9.093	95	14530	4.990	ug/L	95
35) Methylcyclohexane	9.337	83	20771	4.536	ug/L	94
37) 1,2-Dichloropropane	9.368	63	15503	5.211	ug/L	98
38) Bromodichloromethane	9.642	83	17019	4.911	ug/L #	99
39) cis-1,3-Dichloropropene	10.075	75	20122	4.763	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	12977	8.842	ug/L	97
42) Toluene	10.386	91	57327	4.948	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	15810	4.605	ug/L	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	9687	5.110	ug/L	91
46) Tetrachloroethene	10.861	164	10286	5.051	ug/L	97
48) 2-Hexanone	10.965	43	9615	7.790	ug/L	94
49) Dibromochloromethane	11.129	129	10020	4.925	ug/L	95
50) 1,2-Dibromoethane	11.233	107	8611	4.835	ug/L #	93
51) Chlorobenzene	11.660	112	37495	5.264	ug/L	92
52) Ethylbenzene	11.727	91	63329	4.837	ug/L	99
53) m,p-Xylene	11.837	106	22876	4.821	ug/L	96
54) o-Xylene	12.166	106	21000	4.712	ug/L	88
55) Styrene	12.178	104	35490	4.730	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	11067	4.933	ug/L	96
59) Bromoform	12.343	173	5430	4.803	ug/L #	97
60) Isopropylbenzene	12.458	105	56523	4.557	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	7962	4.989	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	41571	4.306	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	42448	4.484	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	26599	5.041	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	27556	5.104	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	22797	4.960	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	1740	4.951	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	17119	4.968	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	12364	4.431	ug/L	89
71) Naphthalene	15.360	128	20091	4.148	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	11659	4.791	ug/L	98

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

