

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100924\
 Data File : VW030472.D
 Acq On : 09 Oct 2024 14:12
 Operator : SY/MD
 Sample : VSTD00510
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005410

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 10/10/2024
 Supervised By :Mahesh Dadoda 10/10/2024

Quant Time: Oct 10 01:04:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 10 01:03:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	346515	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	321575	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	159306	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	32076	5.889	ug/L	0.00
7) Chloroethane-d5	2.899	69	23157	5.617	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	12608	5.565	ug/L	0.00
21) 2-Butanone-d5	7.087	46	9767m	9.951	ug/L	0.00
24) Chloroform-d	7.654	84	52896	5.338	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	27150	5.269	ug/L	0.00
32) Benzene-d6	8.276	84	99002	5.304	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	28797	5.257	ug/L	0.00
41) Toluene-d8	10.325	98	83817	4.919	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	10519	4.586	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	5974	8.467	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	19755	4.910	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.854	152	26572	4.930	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.009	85	21214	4.792	ug/L	99
3) Chloromethane	2.222	50	25741	5.003	ug/L	99
5) Vinyl chloride	2.375	62	33478	5.291	ug/L	94
6) Bromomethane	2.796	94	21488	5.159	ug/L	94
8) Chloroethane	2.936	64	20244	5.233	ug/L	97
9) Trichlorofluoromethane	3.271	101	27840	4.917	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	4.088	101	26138m	5.490	ug/L	
12) 1,1-Dichloroethene	4.045	96	23684	5.094	ug/L	97
13) Acetone	4.131	43	12183m	8.637	ug/L	
14) Carbon disulfide	4.393	76	76483	5.038	ug/L	100
15) Methyl Acetate	4.673	43	8754	4.871	ug/L	99
16) Methylene chloride	4.923	84	28574	5.455	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	24584	4.901	ug/L	98
18) Methyl tert-butyl Ether	5.435	73	33887	4.827	ug/L	98
19) 1,1-Dichloroethane	6.222	63	47851	5.132	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	26407	4.935	ug/L	96
22) 2-Butanone	7.179	43	14026m	9.577	ug/L	
23) Bromochloromethane	7.520	128	12330	5.267	ug/L	88
25) Chloroform	7.679	83	51926	5.212	ug/L	100
27) 1,2-Dichloroethane	8.398	62	34164	5.197	ug/L	99
29) Cyclohexane	7.959	56	35171	4.493	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	43143	5.054	ug/L	98
31) Carbon tetrachloride	8.075	117	38506	5.050	ug/L	100
33) Benzene	8.325	78	106268	5.078	ug/L	100
34) Trichloroethene	9.093	95	29443	5.057	ug/L	93
35) Methylcyclohexane	9.337	83	44206	4.825	ug/L	100
37) 1,2-Dichloropropane	9.367	63	26957	5.150	ug/L	98
38) Bromodichloromethane	9.648	83	34302	4.933	ug/L	93
39) cis-1,3-Dichloropropene	10.069	75	36171	4.588	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	22957	9.143	ug/L	97
42) Toluene	10.386	91	110130	4.933	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	30346	4.581	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	19264	5.100	ug/L	98
46) Tetrachloroethene	10.861	164	21560	5.021	ug/L	95
48) 2-Hexanone	10.965	43	15926	7.756	ug/L	100
49) Dibromochloromethane	11.123	129	20080	4.764	ug/L	90
50) 1,2-Dibromoethane	11.233	107	17841	5.062	ug/L #	98
51) Chlorobenzene	11.654	112	71912	5.004	ug/L	95
52) Ethylbenzene	11.727	91	123580	4.851	ug/L	100
53) m,p-Xylene	11.837	106	45880	4.807	ug/L	87
54) o-Xylene	12.166	106	40022	4.536	ug/L	68
55) Styrene	12.178	104	70590	4.680	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	20889	4.904	ug/L	94
59) Bromoform	12.349	173	10798	4.824	ug/L #	98
60) Isopropylbenzene	12.458	105	116530	4.723	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	15623	5.040	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	88269	4.535	ug/L	99
63) 1,2,4-Trimethylbenzene	13.251	105	86235	4.525	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	55004	5.122	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	55861	5.038	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	47253	5.001	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	3277	4.740	ug/L #	86
69) 1,3,5-Trichlorobenzene	14.623	180	35375	4.996	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	25709	4.510	ug/L	97
71) Naphthalene	15.360	128	41621	4.226	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	23847	4.825	ug/L	97

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

