

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060324\
 Data File : VW028952.D
 Acq On : 03 Jun 2024 09:43
 Operator : SY/MD
 Sample : VSTD00541
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005441

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/04/2024
 Supervised By :Mahesh Dadoda 06/04/2024

Quant Time: Jun 04 01:52:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 04 01:36:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	320788	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	297056	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	139955	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	24200	4.749	ug/L	0.00
7) Chloroethane-d5	2.899	69	17321	4.432	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	10611	4.737	ug/L	0.00
21) 2-Butanone-d5	7.088	46	8912	8.448	ug/L	0.00
24) Chloroform-d	7.648	84	44171	4.826	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	22920	4.757	ug/L	0.00
32) Benzene-d6	8.270	84	85703	4.701	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	25771	4.662	ug/L	0.00
41) Toluene-d8	10.325	98	75268	4.626	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	9368	4.410	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	5460	7.485	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	17440	4.541	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	23466	4.725	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	20976	5.843	ug/L	100
3) Chloromethane	2.223	50	23467	5.244	ug/L	93
5) Vinyl chloride	2.375	62	29938	5.527	ug/L	99
6) Bromomethane	2.790	94	17682	5.448	ug/L	98
8) Chloroethane	2.936	64	17858	5.459	ug/L	96
9) Trichlorofluoromethane	3.271	101	23408	5.198	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	24410m	5.550	ug/L	
12) 1,1-Dichloroethene	4.039	96	21107	5.205	ug/L	92
13) Acetone	4.125	43	9676	8.868	ug/L	99
14) Carbon disulfide	4.393	76	71783	5.229	ug/L	100
15) Methyl Acetate	4.679	43	8978m	4.782	ug/L	
16) Methylene chloride	4.923	84	24855	5.163	ug/L	98
17) trans-1,2-Dichloroethene	5.435	96	23452	5.305	ug/L	85
18) Methyl tert-butyl Ether	5.429	73	29637	4.807	ug/L	95
19) 1,1-Dichloroethane	6.222	63	45412	5.225	ug/L	95
20) cis-1,2-Dichloroethene	7.173	96	22624	4.881	ug/L	92
22) 2-Butanone	7.173	43	10712	8.194	ug/L	94
23) Bromochloromethane	7.514	128	10601	5.240	ug/L	85
25) Chloroform	7.679	83	43998	5.212	ug/L	96
27) 1,2-Dichloroethane	8.404	62	28298	5.002	ug/L	99
29) Cyclohexane	7.959	56	35529	4.810	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	35237	5.120	ug/L	98
31) Carbon tetrachloride	8.069	117	32342	5.159	ug/L	100
33) Benzene	8.325	78	94636	5.124	ug/L	100
34) Trichloroethene	9.093	95	24765	5.100	ug/L	95
35) Methylcyclohexane	9.337	83	40089	4.867	ug/L	97
37) 1,2-Dichloropropane	9.368	63	24952	5.159	ug/L	98
38) Bromodichloromethane	9.642	83	29229	4.955	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	32418	4.612	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	22462	9.130	ug/L	96
42) Toluene	10.386	91	95513	5.062	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	26285	4.638	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	16671	5.103	ug/L	96
46) Tetrachloroethene	10.861	164	19071	5.169	ug/L	94
48) 2-Hexanone	10.965	43	15647	8.483	ug/L	95
49) Dibromochloromethane	11.129	129	16807	4.871	ug/L	98
50) 1,2-Dibromoethane	11.233	107	14598	4.895	ug/L	94
51) Chlorobenzene	11.654	112	61586	5.081	ug/L	95
52) Ethylbenzene	11.727	91	105990	4.944	ug/L	98
53) m,p-Xylene	11.837	106	38943	4.904	ug/L	97
54) o-Xylene	12.166	106	34744	4.725	ug/L	96
55) Styrene	12.178	104	60681	4.787	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	17516	4.750	ug/L	91
59) Bromoform	12.349	173	8649	4.806	ug/L #	95
60) Isopropylbenzene	12.465	105	99720	5.035	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	13402	5.077	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	69959	4.856	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	73773	4.846	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	44125	5.184	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	46002	5.175	ug/L	89
67) 1,2-Dichlorobenzene	13.861	146	38781	5.083	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.483	75	2737	4.864	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	28341	4.849	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	22730	4.799	ug/L	98
71) Naphthalene	15.360	128	34172	4.234	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	20406	5.042	ug/L	98

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

