

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010824\
 Data File : VW027828.D
 Acq On : 08 Jan 2024 13:28
 Operator : SY/MD
 Sample : VSTD2.504
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5404

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2024
 Supervised By :Mahesh Dadoda 01/09/2024

Quant Time: Jan 09 03:51:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 09 03:50:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	352426	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	316886	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	152893	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	10481	2.434	ug/L	0.00
7) Chloroethane-d5	2.905	69	10487	2.781	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	5340	2.759	ug/L	0.00
21) 2-Butanone-d5	7.093	46	3345m	4.675	ug/L	0.00
24) Chloroform-d	7.648	84	21999	2.583	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.306	65	10063	2.604	ug/L	0.00
32) Benzene-d6	8.276	84	47022	2.640	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	12695	2.548	ug/L	0.00
41) Toluene-d8	10.324	98	42048	2.515	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.574	79	4774	2.515	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	2991	4.599	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	9034	2.570	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	13584	2.508	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	9159m	2.700	ug/L	
3) Chloromethane	2.222	50	11502	2.522	ug/L	98
5) Vinyl chloride	2.375	62	9574	2.088	ug/L	93
6) Bromomethane	2.789	94	9289	2.588	ug/L	99
8) Chloroethane	2.929	64	7122	2.298	ug/L	91
9) Trichlorofluoromethane	3.271	101	13465	2.565	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	11260m	2.637	ug/L	
12) 1,1-Dichloroethene	4.045	96	10555	2.508	ug/L	99
13) Acetone	4.149	43	7371m	8.515	ug/L	
14) Carbon disulfide	4.386	76	32192	2.501	ug/L	97
15) Methyl Acetate	4.679	43	3319m	2.763	ug/L	
16) Methylene chloride	4.917	84	18148	3.509	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	11266	2.512	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	13435	2.439	ug/L	94
19) 1,1-Dichloroethane	6.221	63	19174	2.519	ug/L	95
20) cis-1,2-Dichloroethene	7.166	96	12291	2.543	ug/L	83
22) 2-Butanone	7.191	43	4811	5.447	ug/L	89
23) Bromochloromethane	7.520	128	5302	2.500	ug/L #	90
25) Chloroform	7.678	83	20023	2.536	ug/L	96
27) 1,2-Dichloroethane	8.398	62	11523	2.592	ug/L	97
29) Cyclohexane	7.959	56	15324	2.377	ug/L	100
30) 1,1,1-Trichloroethane	7.867	97	16104	2.537	ug/L	100
31) Carbon tetrachloride	8.069	117	13551	2.451	ug/L	98
33) Benzene	8.325	78	44742	2.564	ug/L	100
34) Trichloroethene	9.093	95	12125	2.536	ug/L	95
35) Methylcyclohexane	9.337	83	19886	2.474	ug/L	99
37) 1,2-Dichloropropane	9.367	63	10899	2.598	ug/L	100
38) Bromodichloromethane	9.648	83	13514	2.571	ug/L	95
39) cis-1,3-Dichloropropene	10.074	75	15272	2.347	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	7948	4.829	ug/L	99
42) Toluene	10.385	91	46641	2.441	ug/L	89
44) trans-1,3-Dichloropropene	10.605	75	11485	2.291	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	8117	2.582	ug/L	95
46) Tetrachloroethene	10.861	164	10562	2.744	ug/L	94
48) 2-Hexanone	10.971	43	5671	4.709	ug/L	98
49) Dibromochloromethane	11.129	129	8807	2.577	ug/L	98
50) 1,2-Dibromoethane	11.233	107	7390	2.566	ug/L	81
51) Chlorobenzene	11.653	112	32621	2.598	ug/L	98
52) Ethylbenzene	11.727	91	52279	2.430	ug/L	95
53) m,p-Xylene	11.836	106	20554	2.468	ug/L	97
54) o-Xylene	12.165	106	18934	2.423	ug/L	98
55) Styrene	12.178	104	30533	2.304	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	8412	2.462	ug/L #	95
59) Bromoform	12.348	173	4639	2.462	ug/L #	98
60) Isopropylbenzene	12.458	105	49138	2.334	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	6027	2.575	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	39895	2.387	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	38719	2.322	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	24062	2.521	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	23965	2.549	ug/L	93
67) 1,2-Dichlorobenzene	13.866	146	20405	2.453	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	1218	2.708	ug/L	98
69) 1,3,5-Trichlorobenzene	14.616	180	16550	2.483	ug/L	95
70) 1,2,4-trichlorobenzene	15.122	180	13198	2.444	ug/L	92
71) Naphthalene	15.360	128	20428	2.272	ug/L	98
72) 1,2,3-Trichlorobenzene	15.543	180	11580	2.537	ug/L	98

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

