

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
 Data File : VW026436.D
 Acq On : 29 Jun 2023 15:31
 Operator : SY/MD
 Sample : VSTD2.576
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5476

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/30/2023
 Supervised By : Mahesh Dadoda 06/30/2023

Quant Time: Jun 30 00:50:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 30 00:47:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	814398	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	693821	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	320019	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	19208	2.072	ug/L	0.00
7) Chloroethane-d5	2.899	69	20109m	2.665	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.015	65	10230	2.178	ug/L	0.00
21) 2-Butanone-d5	7.094	46	18440m	5.279	ug/L	0.02
24) Chloroform-d	7.648	84	52660	2.653	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	29996	2.765	ug/L	0.00
32) Benzene-d6	8.276	84	103171	2.557	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	31967	2.486	ug/L	0.00
41) Toluene-d8	10.319	98	90459	2.538	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	13194	2.545	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	9168	4.263	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	27663	2.786	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.855	152	31503	2.827	ug/L	0.00
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.027	85	17206m	2.203	ug/L	
3) Chloromethane	2.216	50	22797	2.035	ug/L	89
5) Vinyl chloride	2.381	62	26557	2.300	ug/L	91
6) Bromomethane	2.783	94	18435	2.805	ug/L	94
8) Chloroethane	2.936	64	19525	2.789	ug/L	99
9) Trichlorofluoromethane	3.259	101	20751	2.472	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	21901m	2.384	ug/L	
12) 1,1-Dichloroethene	4.051	96	20537m	2.260	ug/L	
13) Acetone	4.125	43	13774	5.564	ug/L	85
14) Carbon disulfide	4.387	76	60835	2.061	ug/L #	95
15) Methyl Acetate	4.679	43	11016	2.049	ug/L	93
16) Methylene chloride	4.929	84	41638m	3.042	ug/L	
17) trans-1,2-Dichloroethene	5.429	96	21355	2.177	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	32997	2.058	ug/L	96
19) 1,1-Dichloroethane	6.216	63	42944	2.175	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	28847	2.596	ug/L	94
22) 2-Butanone	7.173	43	24227	5.969	ug/L	100
23) Bromochloromethane	7.514	128	12251	2.651	ug/L	94
25) Chloroform	7.679	83	55198	2.881	ug/L	97
27) 1,2-Dichloroethane	8.398	62	37379	2.853	ug/L	98
29) Cyclohexane	7.959	56	49941	2.539	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	40715	2.755	ug/L	97
31) Carbon tetrachloride	8.069	117	36956	2.777	ug/L	100
33) Benzene	8.325	78	123711	2.847	ug/L	100
34) Trichloroethene	9.093	95	30424	2.749	ug/L	96
35) Methylcyclohexane	9.337	83	50287	2.550	ug/L	96
37) 1,2-Dichloropropane	9.368	63	30997	2.687	ug/L	98
38) Bromodichloromethane	9.648	83	34763	2.685	ug/L	94
39) cis-1,3-Dichloropropene	10.075	75	43740	2.534	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	42612	5.381	ug/L	99
42) Toluene	10.386	91	125231	2.817	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	35918	2.546	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	22130	2.817	ug/L	94
46) Tetrachloroethene	10.867	164	20944	2.677	ug/L	86
48) 2-Hexanone	10.971	43	23606	4.441	ug/L	97
49) Dibromochloromethane	11.123	129	21239	2.714	ug/L	99
50) 1,2-Dibromoethane	11.233	107	19087	2.642	ug/L #	94
51) Chlorobenzene	11.654	112	79426	2.888	ug/L	95
52) Ethylbenzene	11.727	91	137492	2.749	ug/L	99
53) m,p-Xylene	11.837	106	50342	2.714	ug/L	98
54) o-Xylene	12.166	106	44560	2.590	ug/L	89
55) Styrene	12.178	104	73088	2.489	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.715	83	26723	2.785	ug/L	99
59) Bromoform	12.349	173	10715	2.529	ug/L #	91
60) Isopropylbenzene	12.465	105	119506	2.560	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	20104	2.874	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	91557	2.467	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	89577	2.470	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	54574	2.787	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	56471	2.899	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	53784	3.035	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.483	75	4877	3.056	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	40962	3.073	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	34799	3.016	ug/L	98
71) Naphthalene	15.360	128	64708	2.751	ug/L	97
72) 1,2,3-Trichlorobenzene	15.549	180	31091	3.133	ug/L	98

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

