

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
 Data File : VW027117.D
 Acq On : 18 Sep 2023 09:54
 Operator : SY/MD
 Sample : VSTD00534
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005434

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023
 Supervised By :Mahesh Dadoda 09/19/2023

Quant Time: Sep 18 22:10:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Sep 18 22:09:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	488418	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	487643	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	257818	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	43578	5.545	ug/L	0.00
7) Chloroethane-d5	2.899	69	33407	5.505	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	17896	5.312	ug/L	0.00
21) 2-Butanone-d5	7.081	46	11956m	8.406	ug/L	0.00
24) Chloroform-d	7.648	84	73758	5.027	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	35466	4.953	ug/L	0.00
32) Benzene-d6	8.270	84	153028	4.859	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	44428	4.986	ug/L	0.00
41) Toluene-d8	10.325	98	129278	4.612	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	16012	4.447	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	6824m	6.517	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	33130	4.640	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	44912	4.878	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	29340	5.156	ug/L #	83
3) Chloromethane	2.216	50	30964	5.194	ug/L	98
5) Vinyl chloride	2.369	62	45093	5.559	ug/L	93
6) Bromomethane	2.783	94	30140	5.350	ug/L	94
8) Chloroethane	2.930	64	25704	5.434	ug/L	98
9) Trichlorofluoromethane	3.271	101	29062	4.613	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	36397	5.014	ug/L #	80
12) 1,1-Dichloroethene	4.045	96	35931	5.044	ug/L	88
13) Acetone	4.119	43	13899	10.111	ug/L	48
14) Carbon disulfide	4.387	76	121357	5.111	ug/L	98
15) Methyl Acetate	4.673	43	12981m	4.782	ug/L	
16) Methylene chloride	4.917	84	60484	6.509	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	37298	4.826	ug/L	90
18) Methyl tert-butyl Ether	5.429	73	45561	4.436	ug/L	99
19) 1,1-Dichloroethane	6.222	63	68158	5.028	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	38643	4.753	ug/L	99
22) 2-Butanone	7.173	43	15946	8.748	ug/L	77
23) Bromochloromethane	7.514	128	18086	4.832	ug/L	94
25) Chloroform	7.673	83	71431	5.131	ug/L	94
27) 1,2-Dichloroethane	8.398	62	42091	4.989	ug/L	97
29) Cyclohexane	7.959	56	51106	4.379	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	57065	4.952	ug/L	99
31) Carbon tetrachloride	8.069	117	49579	4.855	ug/L	98
33) Benzene	8.325	78	157730	4.897	ug/L	100
34) Trichloroethene	9.087	95	41520	4.878	ug/L	98
35) Methylcyclohexane	9.337	83	64384	4.435	ug/L	94
37) 1,2-Dichloropropane	9.368	63	39326	4.917	ug/L #	91
38) Bromodichloromethane	9.648	83	47290	4.835	ug/L #	94
39) cis-1,3-Dichloropropene	10.069	75	53172	4.438	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	30258	8.435	ug/L	97
42) Toluene	10.386	91	162061	4.762	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	44876	4.463	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	29170	4.740	ug/L	98
46) Tetrachloroethene	10.861	164	34983	4.876	ug/L	95
48) 2-Hexanone	10.971	43	20486	8.111	ug/L	97
49) Dibromochloromethane	11.123	129	29914	4.645	ug/L	99
50) 1,2-Dibromoethane	11.233	107	25999	4.603	ug/L	99
51) Chlorobenzene	11.654	112	109081	4.857	ug/L	97
52) Ethylbenzene	11.727	91	170679	4.573	ug/L	98
53) m,p-Xylene	11.837	106	63708	4.451	ug/L	99
54) o-Xylene	12.166	106	60143	4.410	ug/L	95
55) Styrene	12.178	104	104325	4.465	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.715	83	33601	4.660	ug/L	99
59) Bromoform	12.349	173	18024	4.826	ug/L #	93
60) Isopropylbenzene	12.459	105	161973	4.689	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	23559	4.900	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	123271	4.459	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	119329	4.455	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	83330	5.102	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	86458	5.093	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	76036	5.093	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	5373	5.046	ug/L	82
69) 1,3,5-Trichlorobenzene	14.629	180	62348	5.303	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	46535	4.994	ug/L	98
71) Naphthalene	15.354	128	67894	4.380	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	44531	5.294	ug/L	95

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

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