

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081023\
 Data File : VW026671.D
 Acq On : 10 Aug 2023 10:44
 Operator : SY/MD
 Sample : VSTD00521
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005421

Quant Time: Aug 11 01:26:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 11 01:25:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 08/11/2023
 Supervised By : Mahesh Dadoda 08/15/2023

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 Dadoda
 08/15/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	492091	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	497698	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	267750	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	45199	5.587	ug/L	0.00
7) Chloroethane-d5	2.893	69	35486	5.972	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	21918	5.509	ug/L	0.00
21) 2-Butanone-d5	7.087	46	24349	10.533	ug/L	0.00
24) Chloroform-d	7.648	84	91020	5.511	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	49996	5.485	ug/L	0.00
32) Benzene-d6	8.276	84	178584	5.206	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	55310	5.177	ug/L	0.00
41) Toluene-d8	10.325	98	145951	4.957	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.574	79	21210	4.808	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	10361	9.229	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	43897	5.202	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	47477	4.954	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	35799m	5.283	ug/L	
3) Chloromethane	2.216	50	45015	4.920	ug/L	93
5) Vinyl chloride	2.375	62	46925	5.365	ug/L	95
6) Bromomethane	2.789	94	25814	5.059	ug/L	92
8) Chloroethane	2.936	64	26890	5.131	ug/L	98
9) Trichlorofluoromethane	3.265	101	32403	4.515	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	40455	5.270	ug/L #	65
12) 1,1-Dichloroethene	4.045	96	36402	5.005	ug/L	85
13) Acetone	4.124	43	19714	8.609	ug/L	96
14) Carbon disulfide	4.393	76	131934	5.042	ug/L	100
15) Methyl Acetate	4.667	43	21499	4.643	ug/L	94
16) Methylene chloride	4.917	84	78187	8.214	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	39797	4.903	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	57634	4.693	ug/L	99
19) 1,1-Dichloroethane	6.215	63	83694	5.010	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	42872	4.914	ug/L	99
22) 2-Butanone	7.173	43	34081	10.004	ug/L	78
23) Bromochloromethane	7.514	128	19188	5.092	ug/L	89
25) Chloroform	7.679	83	79398	4.920	ug/L	97
27) 1,2-Dichloroethane	8.398	62	56657	5.032	ug/L	99
29) Cyclohexane	7.959	56	64556	4.194	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	63467	4.886	ug/L	99
31) Carbon tetrachloride	8.069	117	57091	4.807	ug/L	96
33) Benzene	8.325	78	175515	4.843	ug/L	100
34) Trichloroethene	9.093	95	44364	4.806	ug/L	96
35) Methylcyclohexane	9.337	83	67821	4.295	ug/L	96
37) 1,2-Dichloropropane	9.367	63	48282	4.863	ug/L	98
38) Bromodichloromethane	9.642	83	55821	4.793	ug/L #	96
39) cis-1,3-Dichloropropene	10.075	75	63263	4.430	ug/L	94
40) 4-Methyl-2-pentanone	10.209	43	55385	8.577	ug/L	99
42) Toluene	10.385	91	172555	4.706	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	54092	4.400	ug/L	94

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Supervised By :Mahesh
 Dadoda
 08/15/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	31645	4.661	ug/L	98
46) Tetrachloroethene	10.861	164	33274	4.962	ug/L	98
48) 2-Hexanone	10.965	43	36031	8.200	ug/L	98
49) Dibromochloromethane	11.129	129	33694	4.745	ug/L	91
50) 1,2-Dibromoethane	11.239	107	29425	4.619	ug/L	95
51) Chlorobenzene	11.654	112	108790	4.697	ug/L	92
52) Ethylbenzene	11.727	91	187568	4.562	ug/L	100
53) m,p-Xylene	11.836	106	66773	4.384	ug/L	90
54) o-Xylene	12.166	106	60978	4.289	ug/L	98
55) Styrene	12.178	104	108410	4.386	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.714	83	40889	4.755	ug/L	98
59) Bromoform	12.342	173	18800	4.482	ug/L	98
60) Isopropylbenzene	12.458	105	171699	4.313	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	31325	4.823	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	126383	4.017	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	126702	4.109	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	78632	4.542	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	83384	4.615	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	72895	4.630	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.482	75	7420	4.777	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	49286	4.214	ug/L	93
70) 1,2,4-trichlorobenzene	15.129	180	42708	4.307	ug/L	98
71) Naphthalene	15.360	128	70282	3.715	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	36899	4.125	ug/L	95

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

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