

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120623\
 Data File : VW027557.D
 Acq On : 06 Dec 2023 10:00
 Operator : SY/MD
 Sample : VSTD00573
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005473

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
 Supervised By :Mahesh Dadoda 12/11/2023

Quant Time: Dec 07 06:35:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 07 06:34:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	244022	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	218695	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	109138	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	28760	6.372	ug/L	0.00
7) Chloroethane-d5	2.899	69	18446	5.877	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	11482	5.905	ug/L	0.00
21) 2-Butanone-d5	7.081	46	13911	15.207	ug/L	0.00
24) Chloroform-d	7.648	84	38929	5.526	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	20027	5.812	ug/L	0.00
32) Benzene-d6	8.276	84	80532	5.488	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	24211	5.469	ug/L	0.00
41) Toluene-d8	10.325	98	68226	5.225	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	9235	5.627	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	7987	12.672	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	19128	6.538	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	19293	4.791	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	18239m	6.351	ug/L	
3) Chloromethane	2.228	50	22462	6.043	ug/L	98
5) Vinyl chloride	2.375	62	26591	6.186	ug/L	98
6) Bromomethane	2.795	94	14212	6.161	ug/L	94
8) Chloroethane	2.936	64	14365	5.922	ug/L	97
9) Trichlorofluoromethane	3.277	101	22777	6.434	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	20658m	5.979	ug/L	
12) 1,1-Dichloroethene	4.051	96	18623	5.613	ug/L	85
13) Acetone	4.131	43	14591	15.191	ug/L	74
14) Carbon disulfide	4.393	76	62121	5.653	ug/L	97
15) Methyl Acetate	4.679	43	12618m	8.289	ug/L	
16) Methylene chloride	4.923	84	23041	5.853	ug/L	94
17) trans-1,2-Dichloroethene	5.441	96	19836	5.714	ug/L	91
18) Methyl tert-butyl Ether	5.429	73	31505	6.232	ug/L	97
19) 1,1-Dichloroethane	6.222	63	39940	5.768	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	21080	5.709	ug/L	99
22) 2-Butanone	7.173	43	17612	14.333	ug/L	98
23) Bromochloromethane	7.526	128	8640	5.803	ug/L	91
25) Chloroform	7.685	83	35471	5.567	ug/L	88
27) 1,2-Dichloroethane	8.404	62	23744	5.870	ug/L	98
29) Cyclohexane	7.959	56	37421	5.399	ug/L	98
30) 1,1,1-Trichloroethane	7.880	97	31896	5.795	ug/L	99
31) Carbon tetrachloride	8.069	117	27560	5.737	ug/L	99
33) Benzene	8.325	78	76885	5.168	ug/L	100
34) Trichloroethene	9.099	95	21857	5.612	ug/L	94
35) Methylcyclohexane	9.337	83	37996	5.351	ug/L	97
37) 1,2-Dichloropropane	9.367	63	20960	5.446	ug/L	98
38) Bromodichloromethane	9.642	83	23671	5.449	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	29022	5.202	ug/L	94
40) 4-Methyl-2-pentanone	10.209	43	27752	13.615	ug/L	100
42) Toluene	10.386	91	84423	5.472	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	23133	5.242	ug/L	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	15169	6.182	ug/L	99
46) Tetrachloroethene	10.861	164	15741	5.646	ug/L	96
48) 2-Hexanone	10.965	43	19626	12.793	ug/L	99
49) Dibromochloromethane	11.129	129	14332	5.772	ug/L	99
50) 1,2-Dibromoethane	11.239	107	13600	6.039	ug/L	99
51) Chlorobenzene	11.654	112	50848	5.432	ug/L	98
52) Ethylbenzene	11.727	91	91356	5.192	ug/L	95
53) m,p-Xylene	11.836	106	34313	5.321	ug/L	99
54) o-Xylene	12.166	106	30375	5.028	ug/L	92
55) Styrene	12.178	104	51445	5.033	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	19294	6.752	ug/L	94
59) Bromoform	12.349	173	8062	5.808	ug/L #	97
60) Isopropylbenzene	12.458	105	88636	4.777	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	14329	6.497	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	65139	4.688	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	65710	4.655	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	35355	4.873	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	36271	4.985	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	31544	4.966	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.482	75	3347	6.783	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	25098	5.329	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	19053	5.134	ug/L	92
71) Naphthalene	15.360	128	38463	5.706	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	15749	5.123	ug/L	94

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

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