

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080323\
 Data File : VD076911.D
 Acq On : 03 Aug 2023 10:06
 Operator : KP/SY
 Sample : VSTD2.558
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD2.5158

Quant Time: Aug 04 01:41:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 04 01:33:35 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/04/2023
 Supervised By :Semsettin Yesilyurt 08/04/2023

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 Yesilyurt
 08/04/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	268732	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	270846	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	128407	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	23204	3.620	ug/L	0.00
7) Chloroethane-d5	2.799	69	20744	3.857	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.911	65	4837m	2.896	ug/L	-0.01
21) 2-Butanone-d5	6.993	46	5386m	5.322	ug/L	0.00
24) Chloroform-d	7.563	84	25332	3.527	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	11780	3.322	ug/L	0.00
32) Benzene-d6	8.204	84	45064	2.780	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	14691	2.852	ug/L	0.00
41) Toluene-d8	10.269	98	38826	2.575	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	6729	3.113	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	4079	4.808	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	13739	3.506	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.810	152	12090	2.615	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	12761	3.075	ug/L	97
3) Chloromethane	2.146	50	15485	2.310	ug/L	98
5) Vinyl chloride	2.281	62	22454	2.969	ug/L	90
6) Bromomethane	2.693	94	15036	3.351	ug/L	97
8) Chloroethane	2.834	64	13750	2.902	ug/L	91
9) Trichlorofluoromethane	3.175	101	17959	3.153	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	11979m	3.236	ug/L	
12) 1,1-Dichloroethene	3.934	96	9688	2.724	ug/L	87
13) Acetone	4.022	43	5434m	6.007	ug/L	
14) Carbon disulfide	4.264	76	33596	2.614	ug/L	98
15) Methyl Acetate	4.558	43	5309	2.876	ug/L #	80
16) Methylene chloride	4.805	84	19229	4.015	ug/L #	73
17) trans-1,2-Dichloroethene	5.305	96	11424	2.853	ug/L	77
18) Methyl tert-butyl Ether	5.316	73	22374m	2.465	ug/L	
19) 1,1-Dichloroethane	6.105	63	19004	2.656	ug/L	93
20) cis-1,2-Dichloroethene	7.075	96	12633	2.835	ug/L	85
22) 2-Butanone	7.069	43	8864m	6.451	ug/L	
23) Bromochloromethane	7.428	128	6444	3.331	ug/L #	71
25) Chloroform	7.587	83	21396m	2.986	ug/L	
27) 1,2-Dichloroethane	8.328	62	13541	3.069	ug/L	99
29) Cyclohexane	7.875	56	13633	1.948	ug/L #	76
30) 1,1,1-Trichloroethane	7.793	97	16686	2.626	ug/L	98
31) Carbon tetrachloride	7.993	117	13252	2.578	ug/L	98
33) Benzene	8.252	78	41199	2.305	ug/L	100
34) Trichloroethene	9.028	95	12087	2.638	ug/L	83
35) Methylcyclohexane	9.275	83	17048	2.279	ug/L	88
37) 1,2-Dichloropropane	9.310	63	11148	2.301	ug/L #	95
38) Bromodichloromethane	9.587	83	15389	2.721	ug/L	91
39) cis-1,3-Dichloropropene	10.016	75	16050	2.155	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	13301	4.436	ug/L #	83
42) Toluene	10.334	91	45512	2.367	ug/L	97
44) trans-1,3-Dichloropropene	10.551	75	14134	2.312	ug/L	87

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45) 1,1,2-Trichloroethane	10.734	97	9804	2.812	ug/L	91	
46) Tetrachloroethene	10.810	164	8401	2.316	ug/L #	82	
48) 2-Hexanone	10.922	43	9166	4.337	ug/L #	92	
49) Dibromochloromethane	11.069	129	11337	2.900	ug/L	85	
50) 1,2-Dibromoethane	11.181	107	9589	2.836	ug/L #	71	
51) Chlorobenzene	11.604	112	30962	2.577	ug/L	96	
52) Ethylbenzene	11.681	91	45612	2.202	ug/L	98	
53) m,p-Xylene	11.793	106	17729	2.182	ug/L	78	
54) o-Xylene	12.122	106	16735	2.164	ug/L	93	
55) Styrene	12.134	104	29422	2.175	ug/L	87	
57) 1,1,2,2-Tetrachloroethane	12.675	83	12068	2.972	ug/L	96	
59) Bromoform	12.304	173	6528	2.788	ug/L #	96	
60) Isopropylbenzene	12.422	105	42428	2.175	ug/L	100	
61) 1,2,3-Trichloropropane	12.728	75	7709	2.980	ug/L	95	
62) 1,3,5-Trimethylbenzene	12.904	105	30821	1.995	ug/L	100	
63) 1,2,4-Trimethylbenzene	13.210	105	30125	1.963	ug/L	99	
64) 1,3-Dichlorobenzene	13.457	146	21428	2.478	ug/L	98	
65) 1,4-Dichlorobenzene	13.540	146	22626	2.572	ug/L	97	
67) 1,2-Dichlorobenzene	13.834	146	20131	2.582	ug/L #	93	
68) 1,2-Dibromo-3-chloropr...	14.439	75	2087	3.660	ug/L #	75	
69) 1,3,5-Trichlorobenzene	14.586	180	12967	2.266	ug/L	98	
70) 1,2,4-trichlorobenzene	15.098	180	11883	2.338	ug/L	89	
71) Naphthalene	15.334	128	25686	2.533	ug/L	100	
72) 1,2,3-Trichlorobenzene	15.522	180	9839	2.202	ug/L	97	

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

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