

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101222\
 Data File : VW024866.D
 Acq On : 12 Oct 2022 11:40
 Operator : SY/VA
 Sample : VSTD05058
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050458

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/13/2022
 Supervised By : Mahesh Dadoda 10/13/2022

Quant Time: Oct 12 22:48:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 12 22:46:18 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	434324	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	395427	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	187256	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	235098	45.882	ug/L	0.00
7) Chloroethane-d5	2.885	69	141931	47.309	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	522139	46.867	ug/L	0.00
21) 2-Butanone-d5	7.080	46	155912	96.032	ug/L	0.00
24) Chloroform-d	7.647	84	565485	46.161	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	289749	45.193	ug/L	0.00
32) Benzene-d6	8.275	84	1152418	46.475	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	353747	46.513	ug/L	0.00
41) Toluene-d8	10.323	98	1022818	45.957	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	143600	49.785	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	129160	101.294	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	273125	46.049	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	327813	47.904	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	115698m	58.653	ug/L	
3) Chloromethane	2.221	50	247673	54.726	ug/L	100
5) Vinyl chloride	2.367	62	331045	53.615	ug/L	98
6) Bromomethane	2.782	94	156005	52.020	ug/L	90
8) Chloroethane	2.922	64	135988	52.858	ug/L	100
9) Trichlorofluoromethane	3.257	101	150248	49.194	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	314110	50.512	ug/L	98
12) 1,1-Dichloroethene	4.044	96	308741	52.469	ug/L	91
13) Acetone	4.123	43	102837	92.198	ug/L	97
14) Carbon disulfide	4.385	76	1032972	53.744	ug/L	99
15) Methyl Acetate	4.672	43	142225	51.961	ug/L	100
16) Methylene chloride	4.922	84	317986	41.466	ug/L	95
17) trans-1,2-Dichloroethene	5.422	96	333494	52.067	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	492746	51.769	ug/L	99
19) 1,1-Dichloroethane	6.220	63	602287	50.827	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	358461	51.814	ug/L	100
22) 2-Butanone	7.171	43	185249	97.742	ug/L	99
23) Bromochloromethane	7.513	128	149772	52.896	ug/L	95
25) Chloroform	7.677	83	592668	50.955	ug/L	95
27) 1,2-Dichloroethane	8.397	62	384112	51.065	ug/L	100
29) Cyclohexane	7.958	56	616044	53.644	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	471039	51.797	ug/L	99
31) Carbon tetrachloride	8.067	117	414797	51.950	ug/L	98
33) Benzene	8.323	78	1362662	50.653	ug/L	100
34) Trichloroethene	9.092	95	349644	51.609	ug/L	97
35) Methylcyclohexane	9.335	83	648385	53.177	ug/L	99
37) 1,2-Dichloropropane	9.366	63	344688	51.413	ug/L	100
38) Bromodichloromethane	9.640	83	425901	51.415	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	527707	54.456	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	417100	105.260	ug/L	100
42) Toluene	10.384	91	1435611	52.049	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	449269	55.840	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	238537	50.937	ug/L	99
46) Tetrachloroethene	10.860	164	241896	52.511	ug/L	92
48) 2-Hexanone	10.963	43	288958	107.552	ug/L	96
49) Dibromochloromethane	11.128	129	272464	52.558	ug/L	93
50) 1,2-Dibromoethane	11.231	107	229875	52.108	ug/L	97
51) Chlorobenzene	11.652	112	889522	51.312	ug/L	99
52) Ethylbenzene	11.731	91	1611326	52.170	ug/L	99
53) m,p-Xylene	11.835	106	601726	51.278	ug/L	94
54) o-Xylene	12.164	106	589490	52.760	ug/L	97
55) Styrene	12.176	104	1030202	53.759	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	295472	51.715	ug/L	98
59) Bromoform	12.347	173	134078	53.510	ug/L #	95
60) Isopropylbenzene	12.463	105	1595440	52.819	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	216932	52.687	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	1413888	54.519	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	1342715	53.699	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	651330	52.947	ug/L	98
65) 1,4-Dichlorobenzene	13.572	146	648819	52.105	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	569307	52.066	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	49133	55.119	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	426484	53.099	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	361148	55.419	ug/L	99
71) Naphthalene	15.359	128	814483	57.684	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	297120	53.418	ug/L	96

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

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