

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040122\
 Data File : VW022362.D
 Acq On : 01 Apr 2022 12:13
 Operator : SY/VA
 Sample : VSTD02564
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025464

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/02/2022
 Supervised By : Mahesh Dadoda 04/05/2022

Quant Time: Apr 01 13:23:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 01 13:21:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	293850	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	292600	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	156418	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	118542	29.468	ug/L	0.00
7) Chloroethane-d5	2.885	69	75151	24.555	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.031	63	176563	28.576	ug/L	0.00
21) 2-Butanone-d5	7.080	46	55506	75.461	ug/L	0.00
24) Chloroform-d	7.647	84	209171	29.858	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	127580	33.747	ug/L	0.00
32) Benzene-d6	8.275	84	413396	28.937	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	121229	30.177	ug/L	0.00
41) Toluene-d8	10.323	98	405507	28.799	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	61990	33.560	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	49040	71.337	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	103367	29.752	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	131098	25.592	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.013	85	34198	34.908	ug/L	95
3) Chloromethane	2.221	50	82867	27.825	ug/L	97
5) Vinyl chloride	2.367	62	148405	31.763	ug/L	98
6) Bromomethane	2.782	94	73637	23.929	ug/L	97
8) Chloroethane	2.928	64	63174	25.572	ug/L	95
9) Trichlorofluoromethane	3.257	101	40917	15.156	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	96668	26.487	ug/L	94
12) 1,1-Dichloroethene	4.044	96	90955	28.282	ug/L	74
13) Acetone	4.129	43	35852	62.150	ug/L	87
14) Carbon disulfide	4.391	76	293398	33.193	ug/L	98
15) Methyl Acetate	4.672	43	50930m	36.733	ug/L	
16) Methylene chloride	4.928	84	99294	26.000	ug/L	85
17) trans-1,2-Dichloroethene	5.427	96	108089	29.934	ug/L	87
18) Methyl tert-butyl Ether	5.421	73	184972	35.720	ug/L	# 93
19) 1,1-Dichloroethane	6.220	63	200698	33.257	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	115538m	29.723	ug/L	
22) 2-Butanone	7.177	43	62465	72.522	ug/L	89
23) Bromochloromethane	7.519	128	49627	26.926	ug/L	# 64
25) Chloroform	7.677	83	203666	29.938	ug/L	98
27) 1,2-Dichloroethane	8.403	62	160334	35.872	ug/L	# 93
29) Cyclohexane	7.958	56	197903	35.795	ug/L	88
30) 1,1,1-Trichloroethane	7.872	97	175872	28.407	ug/L	93
31) Carbon tetrachloride	8.067	117	159630	27.391	ug/L	97
33) Benzene	8.323	78	473919	30.914	ug/L	100
34) Trichloroethene	9.091	95	121017	28.123	ug/L	91
35) Methylcyclohexane	9.335	83	216200	31.749	ug/L	90
37) 1,2-Dichloropropane	9.366	63	116097	32.118	ug/L	97
38) Bromodichloromethane	9.646	83	162656	31.604	ug/L	92
39) cis-1,3-Dichloropropene	10.073	75	190052	34.164	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	158319	76.811	ug/L	# 91
42) Toluene	10.384	91	537845	31.109	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	177640	35.002	ug/L	98

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45) 1,1,2-Trichloroethane	10.786	97	84135	27.515	ug/L	90
46) Tetrachloroethene	10.859	164	88726	24.630	ug/L	82
48) 2-Hexanone	10.963	43	110819	78.148	ug/L #	92
49) Dibromochloromethane	11.128	129	108618	29.033	ug/L	90
50) 1,2-Dibromoethane	11.237	107	86594	29.155	ug/L	94
51) Chlorobenzene	11.658	112	324126	27.699	ug/L	93
52) Ethylbenzene	11.731	91	598096	31.236	ug/L	98
53) m,p-Xylene	11.835	106	227815	29.442	ug/L	83
54) o-Xylene	12.164	106	214649	29.581	ug/L	81
55) Styrene	12.176	104	378558	30.733	ug/L	82
57) 1,1,2,2-Tetrachloroethane	12.713	83	109609	30.358	ug/L #	99
59) Bromoform	12.353	173	57942	26.777	ug/L #	97
60) Isopropylbenzene	12.463	105	606901	30.112	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	82239	30.721	ug/L	93
62) 1,3,5-Trimethylbenzene	12.938	105	334748	26.119	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	511164	31.029	ug/L	93
64) 1,3-Dichlorobenzene	13.493	146	233053	24.491	ug/L	90
65) 1,4-Dichlorobenzene	13.572	146	242876	25.063	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	218608	25.652	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	19832	34.089	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.627	180	157411	23.478	ug/L	90
70) 1,2,4-trichlorobenzene	15.127	180	137553	26.362	ug/L	94
71) Naphthalene	15.365	128	294322	30.917	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	115485	25.563	ug/L	97

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

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