

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062822\
 Data File : VW023521.D
 Acq On : 28 Jun 2022 09:43
 Operator : SY/VA
 Sample : VSTD2.527
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5427

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2022
 Supervised By :Mahesh Dadoda 06/30/2022

Quant Time: Jun 29 01:32:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062822SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 29 01:31:51 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	352148	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	338764	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	160510	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	13978	3.093	ug/L	0.00
7) Chloroethane-d5	2.879	69	8215	2.398	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	19832m	2.789	ug/L	0.00
21) 2-Butanone-d5	7.092	46	5820m	5.471	ug/L	0.01
24) Chloroform-d	7.653	84	24816	2.745	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	12966	2.724	ug/L	0.00
32) Benzene-d6	8.281	84	45089	2.692	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	13356	2.675	ug/L	0.00
41) Toluene-d8	10.323	98	37978	2.320	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	5499	2.433	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	3282m	4.100	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	11022	2.396	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	13670	2.451	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	2462m	1.536	ug/L	
3) Chloromethane	2.221	50	10026	2.333	ug/L	96
5) Vinyl chloride	2.361	62	15297	2.351	ug/L	95
6) Bromomethane	2.776	94	7670	2.074	ug/L	90
8) Chloroethane	2.916	64	6852	2.009	ug/L	96
9) Trichlorofluoromethane	3.257	101	8643	2.536	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	11176	2.396	ug/L #	61
12) 1,1-Dichloroethene	4.038	96	9456	2.344	ug/L #	88
13) Acetone	4.129	43	4237	5.629	ug/L	97
14) Carbon disulfide	4.391	76	27643	2.184	ug/L	97
15) Methyl Acetate	4.672	43	4752m	2.704	ug/L	
16) Methylene chloride	4.915	84	17741	3.371	ug/L	85
17) trans-1,2-Dichloroethene	5.428	96	11282	2.379	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	15352	2.264	ug/L #	69
19) 1,1-Dichloroethane	6.214	63	20237	2.531	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	12027	2.408	ug/L	96
22) 2-Butanone	7.183	43	7984m	6.339	ug/L	
23) Bromochloromethane	7.513	128	5898	2.496	ug/L	94
25) Chloroform	7.671	83	23713	2.633	ug/L	97
27) 1,2-Dichloroethane	8.403	62	14803	2.556	ug/L	99
29) Cyclohexane	7.958	56	14670	2.128	ug/L	94
30) 1,1,1-Trichloroethane	7.872	97	19452	2.434	ug/L	95
31) Carbon tetrachloride	8.073	117	17045	2.322	ug/L	95
33) Benzene	8.323	78	45808	2.356	ug/L	100
34) Trichloroethene	9.092	95	13213	2.467	ug/L	87
35) Methylcyclohexane	9.335	83	17525	2.057	ug/L	93
37) 1,2-Dichloropropane	9.372	63	11378	2.464	ug/L #	89
38) Bromodichloromethane	9.646	83	16488	2.490	ug/L #	96
39) cis-1,3-Dichloropropene	10.073	75	14913	2.104	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	11565	4.452	ug/L	98
42) Toluene	10.390	91	46015	2.151	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	12499	1.997	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	8989	2.386	ug/L	97
46) Tetrachloroethene	10.860	164	9772	2.311	ug/L	91
48) 2-Hexanone	10.969	43	7101m	4.064	ug/L	
49) Dibromochloromethane	11.128	129	10107	2.201	ug/L	95
50) 1,2-Dibromoethane	11.237	107	8379	2.287	ug/L #	99
51) Chlorobenzene	11.652	112	34679	2.388	ug/L	97
52) Ethylbenzene	11.731	91	51638	2.167	ug/L	96
53) m,p-Xylene	11.841	106	19398	2.060	ug/L	82
54) o-Xylene	12.164	106	16827	1.922	ug/L	92
55) Styrene	12.182	104	29318	1.934	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	10741	2.363	ug/L	96
59) Bromoform	12.353	173	4947	2.212	ug/L #	97
60) Isopropylbenzene	12.463	105	47714	2.172	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	7850	2.636	ug/L	96
62) 1,3,5-Trimethylbenzene	12.945	105	36540	2.030	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	35124	1.977	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	23887	2.362	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	25423	2.449	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	21869	2.399	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	1925	2.815	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	15503	2.341	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	10741	2.102	ug/L	98
71) Naphthalene	15.365	128	17141	1.768	ug/L	97
72) 1,2,3-Trichlorobenzene	15.548	180	9230	2.089	ug/L	99

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

