

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112122\
 Data File : VW025107.D
 Acq On : 21 Nov 2022 09:52
 Operator : SY/VA
 Sample : VSTD00568
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005468

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/22/2022
 Supervised By : Mahesh Dadoda 11/24/2022

Quant Time: Nov 22 02:19:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM112122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 22 02:18:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	492237	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	425355	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	192330	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	29907	4.944	ug/L	0.00
7) Chloroethane-d5	2.892	69	18425	4.660	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.026	63	64101	4.924	ug/L	0.00
21) 2-Butanone-d5	7.086	46	12749	10.059	ug/L	0.00
24) Chloroform-d	7.653	84	64141	5.049	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	32267	5.143	ug/L	0.00
32) Benzene-d6	8.281	84	132685	5.174	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	38578	5.203	ug/L	0.00
41) Toluene-d8	10.323	98	117495	5.046	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	15063	5.034	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	9080	9.640	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	25170	5.110	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	33365	5.089	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.002	85	5154m	3.435	ug/L	
3) Chloromethane	2.221	50	26690	4.909	ug/L	93
5) Vinyl chloride	2.367	62	34544	4.689	ug/L	97
6) Bromomethane	2.782	94	16760	4.681	ug/L	95
8) Chloroethane	2.928	64	15319	4.513	ug/L	97
9) Trichlorofluoromethane	3.263	101	25973	4.674	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	32134	4.828	ug/L #	67
12) 1,1-Dichloroethene	4.044	96	30485	4.692	ug/L	97
13) Acetone	4.117	43	11867m	8.955	ug/L	
14) Carbon disulfide	4.385	76	101676	4.667	ug/L	99
15) Methyl Acetate	4.678	43	10490	4.775	ug/L	98
16) Methylene chloride	4.922	84	41339	4.728	ug/L	93
17) trans-1,2-Dichloroethene	5.434	96	33063	4.790	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	43586	4.765	ug/L #	87
19) 1,1-Dichloroethane	6.220	63	57015	4.688	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	33513	4.688	ug/L	97
22) 2-Butanone	7.171	43	15333	9.038	ug/L	89
23) Bromochloromethane	7.513	128	13799	4.760	ug/L	92
25) Chloroform	7.683	83	58698	4.823	ug/L	99
27) 1,2-Dichloroethane	8.403	62	35375	4.815	ug/L	97
29) Cyclohexane	7.958	56	54937	4.692	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	49438	4.779	ug/L	98
31) Carbon tetrachloride	8.074	117	44405	4.731	ug/L	100
33) Benzene	8.324	78	134581	4.904	ug/L	100
34) Trichloroethene	9.092	95	35081	4.877	ug/L	94
35) Methylcyclohexane	9.336	83	62489	4.802	ug/L	96
37) 1,2-Dichloropropane	9.366	63	32218	4.880	ug/L	99
38) Bromodichloromethane	9.646	83	41140	4.878	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	45065	4.554	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	26972	9.245	ug/L	97
42) Toluene	10.384	91	141255	4.882	ug/L	97
44) trans-1,3-Dichloropropene	10.610	75	36314	4.493	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.787	97	21710	4.913	ug/L	99
46) Tetrachloroethene	10.860	164	25749	4.813	ug/L	93
48) 2-Hexanone	10.969	43	18578	8.817	ug/L	98
49) Dibromochloromethane	11.128	129	25665	4.861	ug/L	98
50) 1,2-Dibromoethane	11.238	107	19410	4.731	ug/L	95
51) Chlorobenzene	11.658	112	85738	4.777	ug/L	99
52) Ethylbenzene	11.731	91	156008	4.791	ug/L	95
53) m,p-Xylene	11.841	106	59656	4.775	ug/L	98
54) o-Xylene	12.164	106	54638	4.683	ug/L	91
55) Styrene	12.177	104	91788	4.694	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	23676	4.853	ug/L	99
59) Bromoform	12.353	173	11686	4.741	ug/L	97
60) Isopropylbenzene	12.463	105	151031	4.853	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	17306	5.030	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	125810	4.731	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	122232	4.766	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	62741	4.983	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	60471	4.845	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	53182	4.878	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.487	75	3205	4.639	ug/L	90
69) 1,3,5-Trichlorobenzene	14.621	180	38000	4.689	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	24799	4.131	ug/L	99
71) Naphthalene	15.365	128	42753	3.884	ug/L	98
72) 1,2,3-Trichlorobenzene	15.554	180	21280	4.250	ug/L	97

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

