

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092122\
 Data File : VW024617.D
 Acq On : 21 Sep 2022 13:35
 Operator : SY/VA
 Sample : VSTD00540
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005440

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/22/2022
 Supervised By : Mahesh Dadoda 09/22/2022

Quant Time: Sep 22 01:34:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 22 01:32:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	353735	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	345058	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	179464	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	41238	5.109	ug/L	0.00
7) Chloroethane-d5	2.873	69	37003	5.441	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	45722	5.108	ug/L	0.00
21) 2-Butanone-d5	7.098	46	11679	10.777	ug/L	0.02
24) Chloroform-d	7.647	84	51550	5.124	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	29524	5.425	ug/L	0.00
32) Benzene-d6	8.275	84	99415	5.139	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	27431	4.942	ug/L	0.00
41) Toluene-d8	10.323	98	91223	4.847	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	12336	4.978	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	8285	9.347	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	24637	5.090	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	31580	4.915	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	5479	3.409	ug/L	99
3) Chloromethane	2.209	50	32180	5.108	ug/L	98
5) Vinyl chloride	2.355	62	47257	5.322	ug/L	100
6) Bromomethane	2.769	94	44130	5.596	ug/L	95
8) Chloroethane	2.910	64	29017	5.290	ug/L	86
9) Trichlorofluoromethane	3.245	101	16927	4.873	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	24450	4.871	ug/L	97
12) 1,1-Dichloroethene	4.031	96	21644	4.878	ug/L	91
13) Acetone	4.153	43	9256m	11.347	ug/L	
14) Carbon disulfide	4.373	76	67382	4.873	ug/L	99
15) Methyl Acetate	4.678	43	10295m	5.225	ug/L	
16) Methylene chloride	4.909	84	41364	6.918	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	24640	5.152	ug/L	94
18) Methyl tert-butyl Ether	5.434	73	40384	5.035	ug/L	95
19) 1,1-Dichloroethane	6.214	63	42596	5.027	ug/L	94
20) cis-1,2-Dichloroethene	7.165	96	26409	5.041	ug/L #	89
22) 2-Butanone	7.183	43	13704	10.986	ug/L	88
23) Bromochloromethane	7.519	128	12834	5.157	ug/L	85
25) Chloroform	7.677	83	47845	5.125	ug/L	98
27) 1,2-Dichloroethane	8.397	62	31633	5.110	ug/L	96
29) Cyclohexane	7.951	56	36016	4.670	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	40108	5.004	ug/L	97
31) Carbon tetrachloride	8.067	117	36938	4.844	ug/L	97
33) Benzene	8.323	78	103988	5.059	ug/L	100
34) Trichloroethene	9.092	95	26259	4.714	ug/L	96
35) Methylcyclohexane	9.329	83	41350	4.449	ug/L	95
37) 1,2-Dichloropropane	9.366	63	23316	4.830	ug/L #	95
38) Bromodichloromethane	9.646	83	32837	4.781	ug/L	91
39) cis-1,3-Dichloropropene	10.073	75	34725	4.612	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	26476	9.549	ug/L	97
42) Toluene	10.384	91	112969	4.896	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	29951	4.478	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	19978	4.972	ug/L	96
46) Tetrachloroethene	10.860	164	21080	4.810	ug/L	90
48) 2-Hexanone	10.969	43	18304	9.621	ug/L	97
49) Dibromochloromethane	11.122	129	22136	4.558	ug/L	94
50) 1,2-Dibromoethane	11.231	107	18876	4.815	ug/L	95
51) Chlorobenzene	11.652	112	74486	4.895	ug/L	95
52) Ethylbenzene	11.731	91	122636	4.839	ug/L	94
53) m,p-Xylene	11.841	106	47534	4.723	ug/L	98
54) o-Xylene	12.164	106	44076	4.668	ug/L	95
55) Styrene	12.176	104	75219	4.631	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	23673	4.925	ug/L #	92
59) Bromoform	12.347	173	11753	4.484	ug/L	96
60) Isopropylbenzene	12.463	105	115067	4.569	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	16657	4.976	ug/L	96
62) 1,3,5-Trimethylbenzene	12.938	105	93258	4.558	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	88870	4.341	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	53529	4.713	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	56794	4.861	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	48776	4.651	ug/L	88
68) 1,2-Dibromo-3-chloropr...	14.481	75	3812	4.890	ug/L	95
69) 1,3,5-Trichlorobenzene	14.621	180	33672	4.510	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	26052	4.361	ug/L	96
71) Naphthalene	15.359	128	46151	3.864	ug/L	98
72) 1,2,3-Trichlorobenzene	15.554	180	24245	4.467	ug/L	98

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

