

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091624\
 Data File : VW030132.D
 Acq On : 16 Sep 2024 14:33
 Operator : SY/MD
 Sample : VSTD2.570
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5470

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024
 Supervised By :Mahesh Dadoda 09/28/2024

Quant Time: Sep 17 04:19:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 17 04:16:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	247235	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	224825	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	109695	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	10310	3.229	ug/L	0.00
7) Chloroethane-d5	2.899	69	6728	2.985	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	4766	2.988	ug/L	0.00
21) 2-Butanone-d5	7.087	46	3804	4.948	ug/L	0.00
24) Chloroform-d	7.654	84	19340	2.845	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	9484	2.778	ug/L	0.00
32) Benzene-d6	8.276	84	36294	2.802	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	11310	2.828	ug/L	0.00
41) Toluene-d8	10.318	98	31569	2.720	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	4331	2.703	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	2469	4.035	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	8071	2.711	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	10704	2.875	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	6671	2.502	ug/L	98
3) Chloromethane	2.222	50	6863	2.696	ug/L	92
5) Vinyl chloride	2.369	62	8551	2.726	ug/L	100
6) Bromomethane	2.795	94	5150	2.741	ug/L	97
8) Chloroethane	2.942	64	5192	2.773	ug/L	99
9) Trichlorofluoromethane	3.271	101	9298	2.513	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.088	101	9062m	2.728	ug/L	
12) 1,1-Dichloroethene	4.045	96	7272	2.464	ug/L	81
13) Acetone	4.124	43	4333	4.929	ug/L	95
14) Carbon disulfide	4.387	76	22674	2.705	ug/L	100
15) Methyl Acetate	4.685	43	3659m	2.551	ug/L	
16) Methylene chloride	4.917	84	11198	3.072	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	8515	2.617	ug/L	77
18) Methyl tert-butyl Ether	5.435	73	11389	2.221	ug/L #	87
19) 1,1-Dichloroethane	6.216	63	16543	2.504	ug/L	95
20) cis-1,2-Dichloroethene	7.173	96	8555	2.396	ug/L	95
22) 2-Butanone	7.179	43	4626m	4.545	ug/L	
23) Bromochloromethane	7.514	128	4043	2.534	ug/L	98
25) Chloroform	7.679	83	16903	2.519	ug/L	99
27) 1,2-Dichloroethane	8.398	62	10463	2.487	ug/L	98
29) Cyclohexane	7.953	56	10734	2.241	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	13243	2.435	ug/L	96
31) Carbon tetrachloride	8.063	117	12801	2.591	ug/L	100
33) Benzene	8.325	78	34498	2.510	ug/L	100
34) Trichloroethene	9.093	95	9674	2.607	ug/L	94
35) Methylcyclohexane	9.331	83	13182	2.304	ug/L	94
37) 1,2-Dichloropropane	9.367	63	9232	2.478	ug/L #	94
38) Bromodichloromethane	9.642	83	11789	2.513	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	12169	2.233	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	7846	4.121	ug/L	98
42) Toluene	10.386	91	34464	2.363	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	10325	2.252	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	6902	2.546	ug/L	93
46) Tetrachloroethene	10.855	164	7051	2.575	ug/L	94
48) 2-Hexanone	10.971	43	6285	4.293	ug/L	91
49) Dibromochloromethane	11.123	129	6830	2.315	ug/L	97
50) 1,2-Dibromoethane	11.233	107	6235	2.494	ug/L	82
51) Chlorobenzene	11.654	112	24139	2.562	ug/L	98
52) Ethylbenzene	11.727	91	38522	2.307	ug/L	96
53) m,p-Xylene	11.836	106	13888	2.254	ug/L	93
54) o-Xylene	12.166	106	12967	2.237	ug/L	98
55) Styrene	12.178	104	21939	2.182	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	8319	2.571	ug/L	95
59) Bromoform	12.349	173	4173	2.404	ug/L	98
60) Isopropylbenzene	12.458	105	35425	2.193	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	5906	2.588	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	21717	1.835	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	25292	2.055	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	16975	2.371	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	19567	2.646	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	16282	2.524	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	1180	2.371	ug/L #	76
69) 1,3,5-Trichlorobenzene	14.623	180	12912	2.584	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	9793	2.420	ug/L	99
71) Naphthalene	15.360	128	14624	1.990	ug/L	97
72) 1,2,3-Trichlorobenzene	15.549	180	8558	2.411	ug/L	98

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

