

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091624\
 Data File : VW030134.D
 Acq On : 16 Sep 2024 15:21
 Operator : SY/MD
 Sample : VSTD02572
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025472

Manual Integrations
 APPROVED

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

Quant Time: Sep 17 04:20:19 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	243135	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	225964	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	115538	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	70331	22.399	ug/L	0.00
7) Chloroethane-d5	2.899	69	51222	23.107	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	35943	22.911	ug/L	0.00
21) 2-Butanone-d5	7.081	46	38449	50.854	ug/L	0.00
24) Chloroform-d	7.648	84	158151	23.657	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	81502	24.278	ug/L	0.00
32) Benzene-d6	8.276	84	307377	23.613	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	96180	23.930	ug/L	0.00
41) Toluene-d8	10.325	98	286491	24.559	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	38915	24.167	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	33150	53.901	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	74010	24.734	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	88338	22.523	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	66028	25.182	ug/L	100
3) Chloromethane	2.222	50	62243	24.866	ug/L	100
5) Vinyl chloride	2.375	62	77109	24.996	ug/L	100
6) Bromomethane	2.789	94	46631	25.233	ug/L	100
8) Chloroethane	2.936	64	46532	25.274	ug/L	100
9) Trichlorofluoromethane	3.271	101	92521	25.430	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	85338m	26.121	ug/L	
12) 1,1-Dichloroethene	4.045	96	72719	25.056	ug/L	100
13) Acetone	4.125	43	48561	56.169	ug/L	100
14) Carbon disulfide	4.387	76	202789	24.597	ug/L	100
15) Methyl Acetate	4.679	43	37354	26.481	ug/L	100
16) Methylene chloride	4.917	84	87284	24.346	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	81756	25.553	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	136130	26.997	ug/L	100
19) 1,1-Dichloroethane	6.222	63	169420	26.078	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	92910	26.461	ug/L	100
22) 2-Butanone	7.167	43	57956	57.901	ug/L	100
23) Bromochloromethane	7.514	128	40911	26.072	ug/L	100
25) Chloroform	7.679	83	170603	25.855	ug/L	100
27) 1,2-Dichloroethane	8.404	62	110827	26.784	ug/L	100
29) Cyclohexane	7.959	56	126597	26.296	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	143595	26.273	ug/L	100
31) Carbon tetrachloride	8.069	117	129423	26.059	ug/L	100
33) Benzene	8.325	78	359129	25.995	ug/L	100
34) Trichloroethene	9.093	95	95651	25.648	ug/L	100
35) Methylcyclohexane	9.337	83	153127	26.633	ug/L	100
37) 1,2-Dichloropropane	9.368	63	97810	26.121	ug/L	100
38) Bromodichloromethane	9.648	83	123615	26.216	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	147445	26.916	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	109250	57.099	ug/L	100
42) Toluene	10.386	91	392944	26.805	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	125044	27.135	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	71346	26.185	ug/L	100
46) Tetrachloroethene	10.861	164	73834	26.831	ug/L	100
48) 2-Hexanone	10.965	43	85620	58.192	ug/L	100
49) Dibromochloromethane	11.123	129	80161	27.032	ug/L	100
50) 1,2-Dibromoethane	11.233	107	66666	26.535	ug/L	100
51) Chlorobenzene	11.654	112	244765	25.850	ug/L	100
52) Ethylbenzene	11.727	91	453383	27.018	ug/L	100
53) m,p-Xylene	11.837	106	167403	27.038	ug/L	100
54) o-Xylene	12.160	106	158458	27.198	ug/L	100
55) Styrene	12.178	104	277902	27.499	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	87177	26.805	ug/L	100
59) Bromoform	12.349	173	46780	25.583	ug/L	100
60) Isopropylbenzene	12.458	105	455816	26.795	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	63076	26.242	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	369236	29.615	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	359103	27.705	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	189472	25.132	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	198461	25.480	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	176801	26.021	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	13980	26.668	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	135986	25.841	ug/L	100
70) 1,2,4-trichlorobenzene	15.123	180	113092	26.530	ug/L	100
71) Naphthalene	15.360	128	219035	28.296	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	100268	26.824	ug/L	100

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

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