

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
 Data File : VW031121.D
 Acq On : 04 Dec 2024 09:27
 Operator : SY/MD
 Sample : VSTD00539
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005439

Quant Time: Dec 05 01:10:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 05 01:09:41 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/06/2024
 Supervised By :Semsettin Yesilyurt 12/06/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	431521	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	390547	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	191764	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	34765	5.832	ug/L	0.00
7) Chloroethane-d5	2.899	69	25852	5.441	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	15005	5.569	ug/L	0.00
21) 2-Butanone-d5	7.081	46	9453	9.011	ug/L	0.00
24) Chloroform-d	7.648	84	61058	5.104	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	28934	4.973	ug/L	0.00
32) Benzene-d6	8.276	84	115162	4.930	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	31504	4.641	ug/L	0.00
41) Toluene-d8	10.325	98	99430	4.698	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	12503	4.407	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	6556	7.789	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	21322	4.544	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	30197	4.598	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	54295	9.597	ug/L	100
3) Chloromethane	2.222	50	63511	9.832	ug/L	98
5) Vinyl chloride	2.375	62	79123	10.350	ug/L	99
6) Bromomethane	2.795	94	49794	10.377	ug/L	97
8) Chloroethane	2.936	64	46036	10.188	ug/L	98
9) Trichlorofluoromethane	3.271	101	79845	9.676	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	61666	10.416	ug/L #	71
12) 1,1-Dichloroethene	4.039	96	57579	9.597	ug/L	98
13) Acetone	4.124	43	23775	12.210	ug/L	97
14) Carbon disulfide	4.387	76	199927	9.960	ug/L	97
15) Methyl Acetate	4.673	43	19498	9.255	ug/L	97
16) Methylene chloride	4.923	84	61640	10.256	ug/L	98
17) trans-1,2-Dichloroethene	5.435	96	62240	9.939	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	83947	9.327	ug/L	97
19) 1,1-Dichloroethane	6.222	63	116555	10.124	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	65446	9.843	ug/L	94
22) 2-Butanone	7.167	43	29077m	15.093	ug/L	
23) Bromochloromethane	7.514	128	28486	10.108	ug/L	91
25) Chloroform	7.679	83	122854	10.296	ug/L	100
27) 1,2-Dichloroethane	8.398	62	75797	10.298	ug/L	98
29) Cyclohexane	7.959	56	92429	8.759	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	101977	9.716	ug/L	96
31) Carbon tetrachloride	8.069	117	90877	9.572	ug/L	98
33) Benzene	8.325	78	259758	9.770	ug/L	100
34) Trichloroethene	9.093	95	71155	9.936	ug/L	95
35) Methylcyclohexane	9.337	83	107717	8.666	ug/L	96
37) 1,2-Dichloropropane	9.367	63	64100	9.795	ug/L	98
38) Bromodichloromethane	9.648	83	82167	9.583	ug/L	91
39) cis-1,3-Dichloropropene	10.069	75	89479	8.948	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	50610	16.825	ug/L	96
42) Toluene	10.386	91	272601	9.493	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	74212	9.021	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	43512	9.654	ug/L	98
46) Tetrachloroethene	10.861	164	52529	9.660	ug/L	87
48) 2-Hexanone	10.965	43	36368	13.337	ug/L #	91
49) Dibromochloromethane	11.123	129	47295	9.313	ug/L	89
50) 1,2-Dibromoethane	11.233	107	39704	9.727	ug/L	92
51) Chlorobenzene	11.654	112	173529	9.899	ug/L	95
52) Ethylbenzene	11.727	91	300750	9.168	ug/L	98
53) m,p-Xylene	11.836	106	115656	9.525	ug/L	96
54) o-Xylene	12.160	106	106724	9.368	ug/L	100
55) Styrene	12.178	104	180542	9.405	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	45823	9.438	ug/L	92
59) Bromoform	12.342	173	25003	9.191	ug/L	96
60) Isopropylbenzene	12.458	105	296825	9.214	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	33565	9.552	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	229633	9.006	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	231250	8.967	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	131496	9.632	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	125416	9.209	ug/L	90
67) 1,2-Dichlorobenzene	13.867	146	110138	9.148	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.476	75	6830	9.033	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	85763	9.234	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	63009	8.673	ug/L	99
71) Naphthalene	15.360	128	95704	7.959	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	54432	8.927	ug/L	96

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

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