

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
 Data File : VW031127.D
 Acq On : 04 Dec 2024 14:26
 Operator : SY/MD
 Sample : VSTD00544
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005444

Manual Integrations
 APPROVED

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

Quant Time: Dec 05 01:12:00 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	381294	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	354563	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	171115	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	32852	6.237	ug/L	0.00
7) Chloroethane-d5	2.893	69	24986	5.951	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.015	65	15108	6.345	ug/L	-0.01
21) 2-Butanone-d5	7.081	46	11439	12.340	ug/L	0.00
24) Chloroform-d	7.648	84	59985	5.675	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	30956	6.021	ug/L	0.00
32) Benzene-d6	8.270	84	114662	5.407	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	33725	5.472	ug/L	0.00
41) Toluene-d8	10.325	98	100069	5.208	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	13259	5.147	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	7532	9.857	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	23774	5.581	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	32269	5.507	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.009	85	21828m	4.367	ug/L	
3) Chloromethane	2.216	50	26554	4.652	ug/L	98
5) Vinyl chloride	2.369	62	33422	4.948	ug/L	98
6) Bromomethane	2.789	94	21928	5.172	ug/L	97
8) Chloroethane	2.930	64	21231	5.317	ug/L	100
9) Trichlorofluoromethane	3.271	101	36201	4.965	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	25276	4.832	ug/L #	74
12) 1,1-Dichloroethene	4.039	96	27344m	5.158	ug/L	
13) Acetone	4.112	43	22184m	12.894	ug/L	
14) Carbon disulfide	4.387	76	87868	4.954	ug/L	99
15) Methyl Acetate	4.673	43	10407	5.591	ug/L	98
16) Methylene chloride	4.911	84	29535	5.561	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	29537	5.338	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	42325	5.322	ug/L #	89
19) 1,1-Dichloroethane	6.216	63	55654	5.471	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	30361	5.168	ug/L	96
22) 2-Butanone	7.167	43	18544	10.894	ug/L	100
23) Bromochloromethane	7.508	128	13841	5.558	ug/L	87
25) Chloroform	7.679	83	58160	5.516	ug/L	100
27) 1,2-Dichloroethane	8.398	62	37142	5.711	ug/L #	95
29) Cyclohexane	7.953	56	39664	4.140	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	47819	5.018	ug/L	95
31) Carbon tetrachloride	8.069	117	43083	4.999	ug/L	99
33) Benzene	8.325	78	119795	4.963	ug/L	100
34) Trichloroethene	9.087	95	32987	5.074	ug/L	90
35) Methylcyclohexane	9.331	83	49082	4.349	ug/L	94
37) 1,2-Dichloropropane	9.368	63	31121	5.238	ug/L	99
38) Bromodichloromethane	9.642	83	40812	5.243	ug/L	91
39) cis-1,3-Dichloropropene	10.069	75	43443	4.785	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	27788	10.176	ug/L	95
42) Toluene	10.386	91	128531	4.930	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	37435	5.012	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	22066	5.393	ug/L	93
46) Tetrachloroethene	10.861	164	24853	5.034	ug/L	95
48) 2-Hexanone	10.965	43	24674	9.967	ug/L	90
49) Dibromochloromethane	11.123	129	22857	4.957	ug/L	95
50) 1,2-Dibromoethane	11.233	107	20254	5.466	ug/L	87
51) Chlorobenzene	11.654	112	82820	5.204	ug/L	99
52) Ethylbenzene	11.727	91	139566	4.686	ug/L	95
53) m,p-Xylene	11.837	106	52499	4.762	ug/L	94
54) o-Xylene	12.160	106	48032	4.644	ug/L	95
55) Styrene	12.178	104	80363	4.611	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	24014	5.448	ug/L	94
59) Bromoform	12.343	173	12649	5.211	ug/L	95
60) Isopropylbenzene	12.458	105	130515	4.540	ug/L	97
61) 1,2,3-Trichloropropane	12.763	75	17691	5.642	ug/L	95
62) 1,3,5-Trimethylbenzene	12.940	105	100791	4.430	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	99309	4.316	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	60520	4.968	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	63098	5.192	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	55596	5.175	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	3940	5.840	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	40838	4.928	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	31818	4.908	ug/L	99
71) Naphthalene	15.360	128	46890	4.370	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	28103	5.165	ug/L	98

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

Manual Integrations

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