

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121324\
 Data File : VW031227.D
 Acq On : 13 Dec 2024 09:51
 Operator : SY/MD
 Sample : VSTD00547
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005447

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 12/16/2024
 Supervised By :Mahesh Dadoda 12/17/2024

Quant Time: Dec 14 00:08:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 14 00:07:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	774233	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	683109	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	331528	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	54462	4.675	ug/L	0.00
7) Chloroethane-d5	2.899	69	45722m	5.336	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	25975	4.701	ug/L	0.00
21) 2-Butanone-d5	7.118	46	22201m	10.114	ug/L	0.02
24) Chloroform-d	7.648	84	101399	4.780	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	52813	4.957	ug/L	0.00
32) Benzene-d6	8.276	84	207075	4.730	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	59806	4.687	ug/L	0.00
41) Toluene-d8	10.319	98	192401	4.724	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	28168	4.787	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	15750	9.178	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	39253	4.899	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	57744	4.692	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.009	85	28458	4.067	ug/L	98
3) Chloromethane	2.216	50	34619	4.404	ug/L	97
5) Vinyl chloride	2.369	62	49002	4.498	ug/L	100
6) Bromomethane	2.790	94	30211	4.511	ug/L	100
8) Chloroethane	2.930	64	29289	4.521	ug/L	97
9) Trichlorofluoromethane	3.265	101	52150	4.494	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	41790	4.455	ug/L	95
12) 1,1-Dichloroethene	4.039	96	43235	4.555	ug/L	96
13) Acetone	4.186	43	31335m	9.889	ug/L	
14) Carbon disulfide	4.393	76	139827	4.517	ug/L	99
15) Methyl Acetate	4.698	43	16091m	4.702	ug/L	
16) Methylene chloride	4.917	84	46396	4.759	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	47255	4.619	ug/L	97
18) Methyl tert-butyl Ether	5.435	73	82316	4.813	ug/L	99
19) 1,1-Dichloroethane	6.216	63	88900	4.650	ug/L	96
20) cis-1,2-Dichloroethene	7.179	96	50565	4.568	ug/L	100
22) 2-Butanone	7.197	43	34081m	9.388	ug/L	
23) Bromochloromethane	7.520	128	20287	4.595	ug/L	93
25) Chloroform	7.679	83	89164	4.725	ug/L	99
27) 1,2-Dichloroethane	8.404	62	55910	4.713	ug/L	98
29) Cyclohexane	7.959	56	82902	4.475	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	80196	4.542	ug/L	99
31) Carbon tetrachloride	8.069	117	70482	4.481	ug/L	98
33) Benzene	8.325	78	191857	4.545	ug/L	100
34) Trichloroethene	9.093	95	54509	4.574	ug/L	88
35) Methylcyclohexane	9.331	83	95587	4.605	ug/L	99
37) 1,2-Dichloropropane	9.368	63	48043	4.562	ug/L	99
38) Bromodichloromethane	9.642	83	62053	4.532	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	81055	4.555	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	52843	9.458	ug/L	98
42) Toluene	10.386	91	210092	4.571	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	67039	4.614	ug/L	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	31598	4.511	ug/L	98
46) Tetrachloroethene	10.855	164	39954	4.577	ug/L	98
48) 2-Hexanone	10.965	43	41972	8.833	ug/L	98
49) Dibromochloromethane	11.129	129	37279	4.490	ug/L	90
50) 1,2-Dibromoethane	11.233	107	30654	4.620	ug/L	96
51) Chlorobenzene	11.654	112	131265	4.555	ug/L	99
52) Ethylbenzene	11.727	91	245237	4.604	ug/L	100
53) m,p-Xylene	11.837	106	93177	4.595	ug/L	97
54) o-Xylene	12.160	106	86871	4.546	ug/L	99
55) Styrene	12.178	104	146421	4.606	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	36431	4.823	ug/L	95
59) Bromoform	12.343	173	20817	4.470	ug/L #	98
60) Isopropylbenzene	12.459	105	247422	4.560	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	26304	4.637	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	206454	4.488	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	199754	4.493	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	98872	4.498	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	96551	4.433	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	84399	4.456	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.483	75	6712	4.662	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	73205	4.755	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	60941	4.759	ug/L	93
71) Naphthalene	15.354	128	102424	4.562	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	47143	4.569	ug/L	99

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

