

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121324\
 Data File : VW031226.D
 Acq On : 13 Dec 2024 09:28
 Operator : SY/MD
 Sample : VSTD2.546
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5446

Manual Integrations
 APPROVED

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

Quant Time: Dec 14 00:07:45 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	760150	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	634453	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	297949	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.350	65	29236	2.556	ug/L	-0.01
7) Chloroethane-d5	2.893	69	20979	2.494	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.015	65	13529	2.494	ug/L	0.00
21) 2-Butanone-d5	7.130	46	10152	4.711	ug/L	0.03
24) Chloroform-d	7.648	84	53069	2.548	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	25871	2.473	ug/L	0.00
32) Benzene-d6	8.276	84	107295	2.639	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	30997	2.615	ug/L	0.00
41) Toluene-d8	10.319	98	101297	2.678	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	13406	2.453	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	7103	4.457	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	17427	2.342	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	29545	2.671	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.009	85	15586	2.269	ug/L	99
3) Chloromethane	2.216	50	20527	2.660	ug/L	94
5) Vinyl chloride	2.363	62	27856	2.604	ug/L	97
6) Bromomethane	2.789	94	17261	2.625	ug/L	100
8) Chloroethane	2.930	64	16778	2.638	ug/L	89
9) Trichlorofluoromethane	3.265	101	29505	2.589	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	23863	2.591	ug/L #	84
12) 1,1-Dichloroethene	4.033	96	24387	2.617	ug/L	97
13) Acetone	4.179	43	14913	4.794	ug/L #	100
14) Carbon disulfide	4.381	76	79547	2.617	ug/L	100
15) Methyl Acetate	4.698	43	9274m	2.760	ug/L	
16) Methylene chloride	4.917	84	26607	2.779	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	25741	2.563	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	41589	2.477	ug/L	96
19) 1,1-Dichloroethane	6.210	63	48413	2.579	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	28379	2.611	ug/L	96
22) 2-Butanone	7.203	43	20809m	5.838	ug/L	
23) Bromochloromethane	7.514	128	11151	2.573	ug/L	95
25) Chloroform	7.673	83	49321	2.662	ug/L	91
27) 1,2-Dichloroethane	8.398	62	28894	2.481	ug/L	100
29) Cyclohexane	7.953	56	47410	2.755	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	45175	2.755	ug/L	99
31) Carbon tetrachloride	8.063	117	39911	2.732	ug/L	95
33) Benzene	8.319	78	108833	2.776	ug/L	100
34) Trichloroethene	9.087	95	30282	2.736	ug/L	92
35) Methylcyclohexane	9.331	83	53530	2.777	ug/L	99
37) 1,2-Dichloropropane	9.367	63	26483	2.708	ug/L	98
38) Bromodichloromethane	9.642	83	33188	2.610	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	43255	2.617	ug/L	92
40) 4-Methyl-2-pentanone	10.209	43	27175	5.237	ug/L	97
42) Toluene	10.386	91	117109	2.743	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	34271	2.539	ug/L	85

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	16905	2.599	ug/L	97
46) Tetrachloroethene	10.855	164	22376	2.760	ug/L	93
48) 2-Hexanone	10.971	43	17616	3.991	ug/L	93
49) Dibromochloromethane	11.123	129	19655	2.549	ug/L	83
50) 1,2-Dibromoethane	11.233	107	15329	2.487	ug/L	99
51) Chlorobenzene	11.654	112	71960	2.689	ug/L	98
52) Ethylbenzene	11.727	91	134561	2.720	ug/L	96
53) m,p-Xylene	11.837	106	52029	2.763	ug/L	99
54) o-Xylene	12.160	106	47964	2.702	ug/L	94
55) Styrene	12.178	104	77436	2.623	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	17354	2.474	ug/L	99
59) Bromoform	12.343	173	10357	2.474	ug/L	99
60) Isopropylbenzene	12.458	105	134161	2.752	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	12603	2.472	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	116109	2.809	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	110181	2.758	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	52527	2.659	ug/L	84
65) 1,4-Dichlorobenzene	13.574	146	53670	2.742	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	46340	2.723	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	3355	2.593	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	36405	2.631	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	29654	2.577	ug/L	99
71) Naphthalene	15.360	128	48347	2.396	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	23969	2.585	ug/L	98

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

