

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110424\
 Data File : VW030900.D
 Acq On : 04 Nov 2024 10:39
 Operator : SY/MD
 Sample : VSTD00516
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005416

Quant Time: Nov 05 00:09:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 05 00:08:46 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 11/05/2024
 Supervised By :Mahesh Dadoda 11/06/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	453684	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	398940	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	197502	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	39087	5.253	ug/L	0.00
7) Chloroethane-d5	2.893	69	28875	5.060	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.015	65	15330	4.993	ug/L	0.00
21) 2-Butanone-d5	7.087	46	9385	7.738	ug/L	0.00
24) Chloroform-d	7.648	84	64289	4.807	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	31598	4.752	ug/L	0.00
32) Benzene-d6	8.276	84	122977	4.962	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	35465	4.854	ug/L	0.00
41) Toluene-d8	10.325	98	103501	4.656	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	13123	4.431	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	6926	7.315	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	23796	4.675	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	33186	4.613	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	26299m	5.839	ug/L	
3) Chloromethane	2.216	50	33124	5.087	ug/L	93
5) Vinyl chloride	2.369	62	42180	5.466	ug/L	95
6) Bromomethane	2.789	94	26584	5.246	ug/L	91
8) Chloroethane	2.930	64	24887	5.320	ug/L	98
9) Trichlorofluoromethane	3.265	101	36810	5.294	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	33909	5.463	ug/L #	74
12) 1,1-Dichloroethene	4.045	96	29461	5.024	ug/L	93
13) Acetone	4.137	43	13419m	9.323	ug/L	
14) Carbon disulfide	4.393	76	101085	5.244	ug/L	100
15) Methyl Acetate	4.679	43	10880	4.960	ug/L #	89
16) Methylene chloride	4.923	84	33126	5.165	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	32983	5.127	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	42250	4.866	ug/L	97
19) 1,1-Dichloroethane	6.222	63	64119	5.341	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	33738	4.943	ug/L	98
22) 2-Butanone	7.179	43	13884	8.357	ug/L	94
23) Bromochloromethane	7.514	128	15913	5.324	ug/L	93
25) Chloroform	7.673	83	66558	5.269	ug/L	95
27) 1,2-Dichloroethane	8.398	62	42104	5.352	ug/L	98
29) Cyclohexane	7.953	56	45578	4.767	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	56030	5.467	ug/L	99
31) Carbon tetrachloride	8.069	117	49499	5.375	ug/L	99
33) Benzene	8.325	78	138578	5.389	ug/L	100
34) Trichloroethene	9.093	95	38656	5.452	ug/L	88
35) Methylcyclohexane	9.331	83	57246	5.094	ug/L	99
37) 1,2-Dichloropropane	9.368	63	35012	5.448	ug/L	98
38) Bromodichloromethane	9.648	83	44476	5.270	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	46756	4.864	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	26706	9.159	ug/L	96
42) Toluene	10.386	91	144753	5.316	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	39941	5.001	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	24074	5.219	ug/L	97
46) Tetrachloroethene	10.861	164	30327	5.595	ug/L	93
48) 2-Hexanone	10.971	43	18023	8.061	ug/L	98
49) Dibromochloromethane	11.123	129	25861	5.142	ug/L	92
50) 1,2-Dibromoethane	11.233	107	21641	5.087	ug/L	99
51) Chlorobenzene	11.654	112	93147	5.345	ug/L	97
52) Ethylbenzene	11.727	91	158751	5.160	ug/L	97
53) m,p-Xylene	11.837	106	58943	5.094	ug/L	97
54) o-Xylene	12.166	106	53829	5.056	ug/L	98
55) Styrene	12.178	104	92377	5.078	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	26461	5.257	ug/L	98
59) Bromoform	12.343	173	13613	4.827	ug/L	99
60) Isopropylbenzene	12.465	105	149176	4.952	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	19381	5.234	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	108841	4.589	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	107064	4.635	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	67039	5.068	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	70769	5.211	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	59887	5.080	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	3815	4.867	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	43167	4.918	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	32408	4.649	ug/L	98
71) Naphthalene	15.360	128	45726	4.047	ug/L	97
72) 1,2,3-Trichlorobenzene	15.549	180	28885	4.808	ug/L	96

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

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