

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072424\
 Data File : VW029714.D
 Acq On : 24 Jul 2024 15:52
 Operator : SY/MD
 Sample : VSTD00559
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005459

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 07/25/2024
 Supervised By :Mahesh Dadoda 07/26/2024

Quant Time: Jul 25 01:11:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 25 01:09:55 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	252595	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	232255	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	113265	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	19666	5.018	ug/L	0.00
7) Chloroethane-d5	2.899	69	13550	4.791	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.015	65	8049	4.533	ug/L	-0.01
21) 2-Butanone-d5	7.094	46	8538	7.175	ug/L	0.01
24) Chloroform-d	7.648	84	31197	4.400	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	16943	4.084	ug/L	0.00
32) Benzene-d6	8.270	84	58650	4.346	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	18100	4.185	ug/L	0.00
41) Toluene-d8	10.325	98	49512	4.142	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	6912	3.794	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	5528m	7.032	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	13473	3.872	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	15517	4.031	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	15176	5.468	ug/L	99
3) Chloromethane	2.216	50	18958	5.344	ug/L	95
5) Vinyl chloride	2.369	62	22146	5.501	ug/L	100
6) Bromomethane	2.783	94	12566	5.419	ug/L	97
8) Chloroethane	2.930	64	12889	5.307	ug/L	89
9) Trichlorofluoromethane	3.259	101	18139m	5.152	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	19242m	5.608	ug/L	
12) 1,1-Dichloroethene	4.045	96	16291	5.038	ug/L	91
13) Acetone	4.125	43	11138	8.924	ug/L	98
14) Carbon disulfide	4.387	76	52841	4.994	ug/L	99
15) Methyl Acetate	4.673	43	10014	4.595	ug/L	96
16) Methylene chloride	4.917	84	31909	6.909	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	17694	4.984	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	28372	4.693	ug/L	95
19) 1,1-Dichloroethane	6.216	63	38400	5.258	ug/L	95
20) cis-1,2-Dichloroethene	7.173	96	19129	4.950	ug/L	97
22) 2-Butanone	7.173	43	14057	8.603	ug/L	96
23) Bromochloromethane	7.514	128	8492	4.943	ug/L	94
25) Chloroform	7.673	83	35759	5.091	ug/L	100
27) 1,2-Dichloroethane	8.398	62	26527	5.068	ug/L	97
29) Cyclohexane	7.953	56	29963	5.010	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	28772	5.312	ug/L	99
31) Carbon tetrachloride	8.069	117	25646	5.151	ug/L	97
33) Benzene	8.319	78	77303	5.218	ug/L	100
34) Trichloroethene	9.093	95	20346	5.224	ug/L	95
35) Methylcyclohexane	9.331	83	32712	5.122	ug/L	98
37) 1,2-Dichloropropane	9.368	63	21214	5.172	ug/L	98
38) Bromodichloromethane	9.642	83	24606	4.931	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	28689	4.685	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	24431	8.514	ug/L	99
42) Toluene	10.386	91	77775	5.130	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	23519	4.509	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	14434	4.942	ug/L	97
46) Tetrachloroethene	10.861	164	15180	5.552	ug/L	90
48) 2-Hexanone	10.965	43	18138	8.479	ug/L	99
49) Dibromochloromethane	11.123	129	14096	4.659	ug/L	96
50) 1,2-Dibromoethane	11.233	107	12897	4.654	ug/L	96
51) Chlorobenzene	11.654	112	49554	5.089	ug/L	96
52) Ethylbenzene	11.727	91	86800	5.078	ug/L	100
53) m,p-Xylene	11.837	106	31607	5.028	ug/L	92
54) o-Xylene	12.166	106	28491	4.916	ug/L	100
55) Styrene	12.178	104	49699	4.852	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	17568	4.777	ug/L	96
59) Bromoform	12.349	173	7927	4.471	ug/L	99
60) Isopropylbenzene	12.459	105	81296	4.957	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	13286	4.767	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	49727	4.201	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	61326	4.769	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	35842	4.909	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	36632	4.920	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	32611	4.942	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.483	75	2953	4.469	ug/L #	87
69) 1,3,5-Trichlorobenzene	14.623	180	23257	4.835	ug/L	94
70) 1,2,4-trichlorobenzene	15.123	180	18728	4.511	ug/L	95
71) Naphthalene	15.360	128	34707	3.971	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	17331	4.616	ug/L	98

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

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