

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040824\
 Data File : VW028350.D
 Acq On : 08 Apr 2024 10:58
 Operator : SY/MD
 Sample : VSTD00529
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005429

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/09/2024
 Supervised By :Mahesh Dadoda 04/09/2024

Quant Time: Apr 09 01:12:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 09 01:10:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	295695	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	267777	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	134693	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	24345	5.136	ug/L	0.00
7) Chloroethane-d5	2.905	69	16547	4.606	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.015	65	9785	4.874	ug/L	0.00
21) 2-Butanone-d5	7.088	46	7646m	8.965	ug/L	0.00
24) Chloroform-d	7.648	84	33952	4.400	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	17971	4.482	ug/L	0.00
32) Benzene-d6	8.276	84	64797	4.430	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	18975	4.364	ug/L	0.00
41) Toluene-d8	10.325	98	56012	4.211	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	7136	4.127	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	4790m	8.256	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	13182	4.297	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.855	152	17638	4.141	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	19173	4.821	ug/L	97
3) Chloromethane	2.223	50	23102	4.948	ug/L	97
5) Vinyl chloride	2.375	62	28629	5.148	ug/L	96
6) Bromomethane	2.789	94	18295	5.266	ug/L	98
8) Chloroethane	2.936	64	16642	4.965	ug/L	95
9) Trichlorofluoromethane	3.271	101	22060	4.973	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	20433	4.913	ug/L	90
12) 1,1-Dichloroethene	4.051	96	19547	5.020	ug/L	80
13) Acetone	4.125	43	9694m	9.385	ug/L	
14) Carbon disulfide	4.393	76	65740	5.096	ug/L	98
15) Methyl Acetate	4.679	43	8398	4.792	ug/L	95
16) Methylene chloride	4.917	84	24490	5.489	ug/L	99
17) trans-1,2-Dichloroethene	5.435	96	21138	5.121	ug/L	93
18) Methyl tert-butyl Ether	5.423	73	28763	4.964	ug/L	99
19) 1,1-Dichloroethane	6.216	63	40516	5.027	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	22048	5.033	ug/L	95
22) 2-Butanone	7.179	43	11749m	9.320	ug/L	
23) Bromochloromethane	7.520	128	9726	5.154	ug/L	97
25) Chloroform	7.679	83	41050	5.196	ug/L	99
27) 1,2-Dichloroethane	8.398	62	28081	5.150	ug/L	98
29) Cyclohexane	7.959	56	34470	4.873	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	33596	5.173	ug/L	97
31) Carbon tetrachloride	8.069	117	29661	5.150	ug/L	98
33) Benzene	8.325	78	85714	5.120	ug/L	100
34) Trichloroethene	9.093	95	23332	5.142	ug/L	97
35) Methylcyclohexane	9.337	83	38784	5.009	ug/L	100
37) 1,2-Dichloropropane	9.368	63	22917	5.252	ug/L	98
38) Bromodichloromethane	9.642	83	27911	5.160	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	30025	4.685	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	20824	9.528	ug/L	97
42) Toluene	10.386	91	91523	5.160	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	23971	4.631	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	15320	5.190	ug/L	94
46) Tetrachloroethene	10.861	164	17799	5.252	ug/L	89
48) 2-Hexanone	10.965	43	15177	8.970	ug/L	97
49) Dibromochloromethane	11.129	129	15859	5.026	ug/L	98
50) 1,2-Dibromoethane	11.233	107	13816	5.127	ug/L	96
51) Chlorobenzene	11.654	112	57222	5.190	ug/L	96
52) Ethylbenzene	11.727	91	101852	5.066	ug/L	97
53) m,p-Xylene	11.837	106	36546	4.888	ug/L	99
54) o-Xylene	12.160	106	34557	4.964	ug/L	99
55) Styrene	12.178	104	57339	4.839	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.715	83	17401	5.208	ug/L	98
59) Bromoform	12.349	173	8565	4.817	ug/L	99
60) Isopropylbenzene	12.458	105	97418	4.824	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	12286	4.989	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	59515	4.624	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	72659	4.691	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	42359	4.944	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	45561	5.227	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	37767	5.011	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	2759	4.889	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	30526	5.177	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	22860	4.965	ug/L	92
71) Naphthalene	15.360	128	36638	4.496	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	20513	5.021	ug/L	99

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

