

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060324\
 Data File : VW028951.D
 Acq On : 03 Jun 2024 09:19
 Operator : SY/MD
 Sample : VSTD2.540
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5440

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/04/2024
 Supervised By :Mahesh Dadoda 06/04/2024

Quant Time: Jun 04 01:52:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 04 01:36:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	315997	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	288406	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	145985	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	13122	2.614	ug/L	0.00
7) Chloroethane-d5	2.899	69	10465m	2.718	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	5483	2.485	ug/L	0.00
21) 2-Butanone-d5	7.088	46	5050m	4.860	ug/L	0.00
24) Chloroform-d	7.654	84	23188	2.572	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	12573	2.649	ug/L	0.00
32) Benzene-d6	8.276	84	44945	2.539	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	14171	2.640	ug/L	0.00
41) Toluene-d8	10.325	98	38166	2.416	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	5034	2.441	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	3267	4.613	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	9956	2.670	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	12420	2.397	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	11854m	3.352	ug/L	
3) Chloromethane	2.223	50	11753	2.666	ug/L	99
5) Vinyl chloride	2.375	62	15278	2.863	ug/L	93
6) Bromomethane	2.789	94	8745	2.735	ug/L	98
8) Chloroethane	2.942	64	8769	2.721	ug/L	97
9) Trichlorofluoromethane	3.271	101	11647	2.626	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.088	101	11715m	2.704	ug/L	
12) 1,1-Dichloroethene	4.051	96	9917	2.483	ug/L	86
13) Acetone	4.125	43	5359	4.986	ug/L	99
14) Carbon disulfide	4.393	76	35394	2.617	ug/L	100
15) Methyl Acetate	4.679	43	3921	2.120	ug/L #	72
16) Methylene chloride	4.923	84	15488	3.266	ug/L	96
17) trans-1,2-Dichloroethene	5.435	96	10858	2.493	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	14098	2.321	ug/L #	92
19) 1,1-Dichloroethane	6.216	63	21846	2.552	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	11053	2.421	ug/L	95
22) 2-Butanone	7.173	43	5974m	4.639	ug/L	
23) Bromochloromethane	7.514	128	5045	2.531	ug/L	83
25) Chloroform	7.679	83	21205	2.550	ug/L	99
27) 1,2-Dichloroethane	8.398	62	14486	2.599	ug/L	99
29) Cyclohexane	7.959	56	15852	2.211	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	17134	2.564	ug/L	99
31) Carbon tetrachloride	8.069	117	15789	2.594	ug/L	94
33) Benzene	8.325	78	44744	2.495	ug/L	100
34) Trichloroethene	9.093	95	12055	2.557	ug/L	91
35) Methylcyclohexane	9.331	83	18814	2.352	ug/L	96
37) 1,2-Dichloropropane	9.368	63	11885	2.531	ug/L	99
38) Bromodichloromethane	9.642	83	14746	2.575	ug/L #	96
39) cis-1,3-Dichloropropene	10.069	75	15371	2.252	ug/L	94
40) 4-Methyl-2-pentanone	10.209	43	9645	4.038	ug/L	98
42) Toluene	10.386	91	42101	2.298	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	12462	2.265	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	8262	2.605	ug/L	94
46) Tetrachloroethene	10.861	164	9178	2.562	ug/L	85
48) 2-Hexanone	10.971	43	7224	4.034	ug/L	97
49) Dibromochloromethane	11.123	129	8250	2.463	ug/L	90
50) 1,2-Dibromoethane	11.233	107	6982	2.412	ug/L	93
51) Chlorobenzene	11.654	112	29800	2.532	ug/L	98
52) Ethylbenzene	11.727	91	47975	2.305	ug/L	94
53) m,p-Xylene	11.837	106	17382	2.255	ug/L	99
54) o-Xylene	12.160	106	15609	2.187	ug/L	96
55) Styrene	12.178	104	26481	2.152	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	9078	2.536	ug/L	97
59) Bromoform	12.343	173	4292	2.286	ug/L #	93
60) Isopropylbenzene	12.465	105	43344	2.098	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	6593	2.394	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	29201	1.943	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	29501	1.858	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	19915	2.243	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	22897	2.469	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	18833	2.367	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.483	75	1430	2.436	ug/L #	86
69) 1,3,5-Trichlorobenzene	14.623	180	14879	2.441	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	11347	2.297	ug/L	97
71) Naphthalene	15.360	128	15995	1.900	ug/L	96
72) 1,2,3-Trichlorobenzene	15.549	180	10002	2.369	ug/L	99

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

