

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082624\
 Data File : VW030023.D
 Acq On : 26 Aug 2024 12:02
 Operator : SY/MD
 Sample : VSTD00565
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005465

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/27/2024
 Supervised By :Mahesh Dadoda 08/27/2024

Quant Time: Aug 27 05:14:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 27 05:12:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	320607	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	289243	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	143825	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	25463	5.337	ug/L	0.00
7) Chloroethane-d5	2.899	69	17901	5.287	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	10571	5.186	ug/L	0.00
21) 2-Butanone-d5	7.094	46	9994m	10.510	ug/L	0.01
24) Chloroform-d	7.648	84	44154	5.107	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	22623	5.153	ug/L	0.00
32) Benzene-d6	8.276	84	89187	5.224	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	25809	5.160	ug/L	0.00
41) Toluene-d8	10.325	98	78447	5.048	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	10331	5.021	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	7344	9.593	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	19193	5.211	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	26164	5.029	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	16971m	4.872	ug/L	
3) Chloromethane	2.222	50	18974	4.426	ug/L	93
5) Vinyl chloride	2.375	62	24317	4.799	ug/L	95
6) Bromomethane	2.783	94	14747	4.684	ug/L	96
8) Chloroethane	2.936	64	13880	4.754	ug/L	98
9) Trichlorofluoromethane	3.271	101	20092	4.579	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	19622	4.850	ug/L	98
12) 1,1-Dichloroethene	4.045	96	19054	4.643	ug/L	91
13) Acetone	4.131	43	8044	9.298	ug/L	99
14) Carbon disulfide	4.393	76	56868	4.461	ug/L	98
15) Methyl Acetate	4.679	43	8037	4.774	ug/L	98
16) Methylene chloride	4.923	84	30610	5.780	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	21878	4.814	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	33955	4.885	ug/L #	93
19) 1,1-Dichloroethane	6.222	63	40898	4.843	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	24383	4.854	ug/L	88
22) 2-Butanone	7.179	43	11450	9.372	ug/L	99
23) Bromochloromethane	7.520	128	10391	4.877	ug/L	92
25) Chloroform	7.679	83	42325	4.899	ug/L	98
27) 1,2-Dichloroethane	8.404	62	27415	4.958	ug/L	98
29) Cyclohexane	7.953	56	32197	4.639	ug/L	96
30) 1,1,1-Trichloroethane	7.874	97	32813	4.843	ug/L	99
31) Carbon tetrachloride	8.069	117	29690	4.878	ug/L	96
33) Benzene	8.325	78	92785	5.007	ug/L	100
34) Trichloroethene	9.087	95	24236	4.857	ug/L	97
35) Methylcyclohexane	9.331	83	39113	4.786	ug/L	98
37) 1,2-Dichloropropane	9.368	63	23657	5.041	ug/L	100
38) Bromodichloromethane	9.642	83	28535	4.819	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	33666	4.661	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	22842	9.778	ug/L	95
42) Toluene	10.386	91	95888	4.859	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	27362	4.682	ug/L	94

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

45) 1,1,2-Trichloroethane	10.782	97	16884	4.909	ug/L	98
46) Tetrachloroethene	10.861	164	19159	5.059	ug/L	88
48) 2-Hexanone	10.965	43	16182	9.744	ug/L	93
49) Dibromochloromethane	11.123	129	17155	4.694	ug/L	99
50) 1,2-Dibromoethane	11.233	107	15771	4.909	ug/L #	96
51) Chlorobenzene	11.654	112	63459	5.029	ug/L	99
52) Ethylbenzene	11.727	91	107561	4.810	ug/L	98
53) m,p-Xylene	11.837	106	40351	4.835	ug/L	96
54) o-Xylene	12.160	106	38856	4.851	ug/L	98
55) Styrene	12.178	104	64512	4.807	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	19302	4.983	ug/L	96
59) Bromoform	12.343	173	9581	4.473	ug/L #	36
60) Isopropylbenzene	12.458	105	104301	4.546	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	14242	4.870	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	68811	4.033	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	80484	4.476	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	46283	4.731	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	47958	4.853	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	41407	4.732	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	3063	4.893	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	31676	4.960	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	26207	4.741	ug/L	97
71) Naphthalene	15.360	128	46233	4.380	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	24070	4.961	ug/L	93

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

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