

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070824\
 Data File : VW029475.D
 Acq On : 08 Jul 2024 12:12
 Operator : SY/MD
 Sample : VSTD02554
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025454

Quant Time: Jul 09 01:58:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 09 01:56:32 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/09/2024
 Supervised By :Semsettin Yesilyurt 07/09/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	268822	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	247962	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	124907	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	101994	26.572	ug/L	0.00
7) Chloroethane-d5	2.899	69	75473	23.929	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	46593	25.308	ug/L	0.00
21) 2-Butanone-d5	7.075	46	61592	53.172	ug/L	0.00
24) Chloroform-d	7.648	84	196298	24.310	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	115325	24.753	ug/L	0.00
32) Benzene-d6	8.276	84	390133	25.676	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	123162	25.364	ug/L	0.00
41) Toluene-d8	10.325	98	344847	25.785	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	52306	26.372	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	42782	54.762	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	99059	25.393	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	110684	25.328	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	51200m	19.852	ug/L	
3) Chloromethane	2.223	50	76843	20.415	ug/L	100
5) Vinyl chloride	2.375	62	89336	20.818	ug/L	100
6) Bromomethane	2.790	94	55031	21.216	ug/L	100
8) Chloroethane	2.936	64	57052	21.609	ug/L	100
9) Trichlorofluoromethane	3.271	101	86888	25.383	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	82338	22.320	ug/L	100
12) 1,1-Dichloroethene	4.052	96	77903	24.469	ug/L	100
13) Acetone	4.119	43	65196	61.928	ug/L	100
14) Carbon disulfide	4.393	76	257743	24.477	ug/L	100
15) Methyl Acetate	4.673	43	52146	26.352	ug/L	100
16) Methylene chloride	4.923	84	99278	20.655	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	88805	24.909	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	149191	25.970	ug/L	100
19) 1,1-Dichloroethane	6.216	63	180642	23.764	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	98133	24.996	ug/L	100
22) 2-Butanone	7.173	43	80981	57.941	ug/L	100
23) Bromochloromethane	7.514	128	42353	24.290	ug/L	100
25) Chloroform	7.679	83	175221	23.713	ug/L	100
27) 1,2-Dichloroethane	8.398	62	132324	24.028	ug/L	100
29) Cyclohexane	7.959	56	154489	26.301	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	137690	24.380	ug/L	100
31) Carbon tetrachloride	8.069	117	126037	24.426	ug/L	100
33) Benzene	8.325	78	383559	25.193	ug/L	100
34) Trichloroethene	9.093	95	99883	24.488	ug/L	100
35) Methylcyclohexane	9.337	83	164761	25.681	ug/L	100
37) 1,2-Dichloropropane	9.368	63	105781	24.729	ug/L	100
38) Bromodichloromethane	9.642	83	125962	24.129	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	161587	26.355	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	148131	54.204	ug/L	100
42) Toluene	10.386	91	403727	25.807	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	137831	26.509	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	75409	25.043	ug/L	100
46) Tetrachloroethene	10.861	164	73015	25.389	ug/L	100
48) 2-Hexanone	10.965	43	115430	58.677	ug/L	100
49) Dibromochloromethane	11.130	129	78970	25.232	ug/L	100
50) 1,2-Dibromoethane	11.233	107	70600	25.980	ug/L	100
51) Chlorobenzene	11.654	112	244549	24.194	ug/L	100
52) Ethylbenzene	11.727	91	464428	26.055	ug/L	100
53) m,p-Xylene	11.837	106	170099	26.138	ug/L	100
54) o-Xylene	12.160	106	159212	26.150	ug/L	100
55) Styrene	12.178	104	276528	26.142	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.709	83	93210	25.045	ug/L	100
59) Bromoform	12.349	173	44583	25.059	ug/L	100
60) Isopropylbenzene	12.459	105	438085	25.881	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	70282	24.890	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	334690	27.154	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	355612	26.877	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	190910	25.801	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	192345	24.649	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	169736	25.115	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	16250	24.510	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	120285	24.443	ug/L	100
70) 1,2,4-trichlorobenzene	15.123	180	105741	26.205	ug/L	100
71) Naphthalene	15.360	128	219567	27.106	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	99252	26.713	ug/L	100

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

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