

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010824\
 Data File : VW027829.D
 Acq On : 08 Jan 2024 14:15
 Operator : SY/MD
 Sample : VSTD00505
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005405

Quant Time: Jan 09 03:51:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 09 03:50:03 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2024
 Supervised By :Mahesh Dadoda 01/09/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	349032	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	315953	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	157967	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	23825	5.586	ug/L	0.00
7) Chloroethane-d5	2.899	69	20307	5.438	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	10894	5.684	ug/L	0.00
21) 2-Butanone-d5	7.094	46	6521m	9.203	ug/L	0.00
24) Chloroform-d	7.648	84	43879	5.202	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	19501	5.096	ug/L	0.00
32) Benzene-d6	8.276	84	94121	5.300	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	25984	5.231	ug/L	0.00
41) Toluene-d8	10.325	98	85452	5.126	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	9225	4.874	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	5601	8.638	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	17216	4.912	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	27410	4.897	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	17702m	5.269	ug/L	
3) Chloromethane	2.223	50	23469	5.196	ug/L	100
5) Vinyl chloride	2.375	62	22117	4.870	ug/L	96
6) Bromomethane	2.790	94	17820	5.014	ug/L	99
8) Chloroethane	2.936	64	15159	4.939	ug/L	97
9) Trichlorofluoromethane	3.271	101	26354	5.070	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	21246	5.025	ug/L	96
12) 1,1-Dichloroethene	4.045	96	21304	5.111	ug/L	91
13) Acetone	4.149	43	8925m	10.411	ug/L	
14) Carbon disulfide	4.393	76	65966	5.175	ug/L	99
15) Methyl Acetate	4.692	43	6013	5.054	ug/L #	89
16) Methylene chloride	4.923	84	28228	5.511	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	23124	5.206	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	27464	5.035	ug/L #	94
19) 1,1-Dichloroethane	6.216	63	38737	5.138	ug/L	94
20) cis-1,2-Dichloroethene	7.173	96	24915	5.206	ug/L	97
22) 2-Butanone	7.185	43	7921	9.056	ug/L	95
23) Bromochloromethane	7.514	128	10862	5.171	ug/L	96
25) Chloroform	7.679	83	40592	5.191	ug/L	96
27) 1,2-Dichloroethane	8.398	62	22202	5.043	ug/L	99
29) Cyclohexane	7.959	56	33291	5.179	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	33267	5.256	ug/L	99
31) Carbon tetrachloride	8.069	117	28285	5.130	ug/L	94
33) Benzene	8.325	78	92381	5.309	ug/L	100
34) Trichloroethene	9.093	95	25412	5.332	ug/L	96
35) Methylcyclohexane	9.331	83	41675	5.200	ug/L	98
37) 1,2-Dichloropropane	9.368	63	21882	5.232	ug/L #	92
38) Bromodichloromethane	9.642	83	26714	5.097	ug/L #	89
39) cis-1,3-Dichloropropene	10.075	75	32081	4.944	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	15531	9.463	ug/L	98
42) Toluene	10.386	91	98823	5.186	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	23397	4.680	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	15742	5.022	ug/L	96
46) Tetrachloroethene	10.861	164	19430	5.063	ug/L	89
48) 2-Hexanone	10.965	43	10878	9.059	ug/L	99
49) Dibromochloromethane	11.123	129	16354	4.799	ug/L	86
50) 1,2-Dibromoethane	11.233	107	14227	4.955	ug/L	87
51) Chlorobenzene	11.654	112	62821	5.018	ug/L	93
52) Ethylbenzene	11.727	91	108827	5.073	ug/L	100
53) m,p-Xylene	11.837	106	42473	5.115	ug/L	99
54) o-Xylene	12.160	106	38995	5.005	ug/L	99
55) Styrene	12.178	104	65835	4.982	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	16610	4.876	ug/L	98
59) Bromoform	12.349	173	8967	4.606	ug/L #	95
60) Isopropylbenzene	12.459	105	109474	5.033	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	11603	4.799	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	85447	4.948	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	83977	4.874	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	49264	4.996	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	50010	5.148	ug/L	89
67) 1,2-Dichlorobenzene	13.867	146	42760	4.975	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.483	75	2101	4.521	ug/L #	78
69) 1,3,5-Trichlorobenzene	14.623	180	34295	4.980	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	26903	4.821	ug/L	94
71) Naphthalene	15.360	128	40786	4.391	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	21864	4.636	ug/L	96

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

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