

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050224\
 Data File : VW028563.D
 Acq On : 02 May 2024 10:36
 Operator : SY/MD
 Sample : VSTD00535
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005435

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 05/06/2024
 Supervised By :Semsettin Yesilyurt 05/06/2024

Quant Time: May 03 02:41:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 03 02:39:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	231670	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	215872	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	101744	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	20240	4.601	ug/L	0.00
7) Chloroethane-d5	2.905	69	15966	4.740	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	8513	4.632	ug/L	0.00
21) 2-Butanone-d5	7.081	46	10941m	10.204	ug/L	0.00
24) Chloroform-d	7.648	84	34972	4.831	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	20566	4.962	ug/L	0.00
32) Benzene-d6	8.276	84	66913	4.646	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	20453	4.719	ug/L	0.00
41) Toluene-d8	10.325	98	58106	4.556	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	7760	4.451	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	6035	8.074	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	17210	4.736	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	19230	4.959	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	17073	5.071	ug/L	99
3) Chloromethane	2.222	50	20961	5.026	ug/L	96
5) Vinyl chloride	2.375	62	24109	5.134	ug/L	97
6) Bromomethane	2.789	94	13756	5.098	ug/L	95
8) Chloroethane	2.936	64	14055	5.299	ug/L	87
9) Trichlorofluoromethane	3.271	101	18335	4.756	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	18737m	5.416	ug/L	
12) 1,1-Dichloroethene	4.045	96	15565	4.882	ug/L	94
13) Acetone	4.131	43	10785m	10.651	ug/L	
14) Carbon disulfide	4.393	76	53410	4.956	ug/L	99
15) Methyl Acetate	4.679	43	9431	5.208	ug/L	100
16) Methylene chloride	4.929	84	19330m	5.418	ug/L	
17) trans-1,2-Dichloroethene	5.429	96	15961	4.808	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	24457	4.993	ug/L	98
19) 1,1-Dichloroethane	6.222	63	33031	5.018	ug/L	99
20) cis-1,2-Dichloroethene	7.179	96	16912	4.868	ug/L	96
22) 2-Butanone	7.179	43	12856m	10.528	ug/L	
23) Bromochloromethane	7.520	128	7839	5.173	ug/L	91
25) Chloroform	7.679	83	32581	5.117	ug/L	93
27) 1,2-Dichloroethane	8.404	62	23867	5.157	ug/L	100
29) Cyclohexane	7.959	56	27943	4.540	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	26103	4.825	ug/L	98
31) Carbon tetrachloride	8.069	117	23842	4.834	ug/L	98
33) Benzene	8.325	78	69642	4.975	ug/L	100
34) Trichloroethene	9.093	95	18756	4.997	ug/L	91
35) Methylcyclohexane	9.331	83	29685	4.526	ug/L	97
37) 1,2-Dichloropropane	9.367	63	18358	5.098	ug/L	99
38) Bromodichloromethane	9.648	83	21690	4.878	ug/L	94
39) cis-1,3-Dichloropropene	10.075	75	24547	4.695	ug/L	92
40) 4-Methyl-2-pentanone	10.209	43	23721	9.555	ug/L	98
42) Toluene	10.386	91	69924	4.836	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	20522	4.656	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	13593	5.144	ug/L	97
46) Tetrachloroethene	10.861	164	12596	4.658	ug/L	83
48) 2-Hexanone	10.965	43	16128	9.202	ug/L	95
49) Dibromochloromethane	11.123	129	12765	4.816	ug/L	98
50) 1,2-Dibromoethane	11.233	107	12509	5.054	ug/L #	94
51) Chlorobenzene	11.654	112	44698	4.998	ug/L	100
52) Ethylbenzene	11.727	91	75612	4.621	ug/L	98
53) m,p-Xylene	11.836	106	28252	4.711	ug/L	93
54) o-Xylene	12.166	106	25589	4.612	ug/L	93
55) Styrene	12.178	104	43268	4.602	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	16697	5.037	ug/L	92
59) Bromoform	12.343	173	6978	4.701	ug/L	97
60) Isopropylbenzene	12.458	105	74471	4.824	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	12497	5.082	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	48544	4.445	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	53592	4.554	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	31073	4.839	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	33277	5.069	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	29043	5.053	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.482	75	2936	5.107	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	21034	4.881	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	16984	4.878	ug/L	99
71) Naphthalene	15.360	128	32576	4.392	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	16086	5.120	ug/L	95

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

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