

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
 Data File : VW030090.D
 Acq On : 28 Aug 2024 20:45
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025595

Quant Time: Aug 29 01:19:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 29 01:10:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	174472	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	166497	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	86246	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	55856	21.513	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.040%
7) Chloroethane-d5	2.899	69	41742	22.652	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	4.021	65	24916	22.461	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.840%
21) 2-Butanone-d5	7.081	46	31574	61.005	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.020%
24) Chloroform-d	7.648	84	118648	25.217	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.880%
26) 1,2-Dichloroethane-d4	8.307	65	64161	26.856	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.440%
32) Benzene-d6	8.276	84	232677	23.675	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.720%
36) 1,2-Dichloropropane-d6	9.276	67	73632	25.572	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.280%
41) Toluene-d8	10.325	98	213463	23.863	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.440%
43) trans-1,3-Dichloroprop...	10.575	79	29004	24.488	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.960%
47) 2-Hexanone-d5	10.922	63	26022	59.049	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.100%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	59403	28.021	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.080%
66) 1,2-Dichlorobenzene-d4	13.848	152	69850	22.391	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	40638	20.252	ug/L	93
3) Chloromethane	2.222	50	61447	26.341	ug/L	92
5) Vinyl chloride	2.375	62	64635	23.442	ug/L	94
6) Bromomethane	2.789	94	40573	23.679	ug/L	87
8) Chloroethane	2.930	64	38741	24.383	ug/L	96
9) Trichlorofluoromethane	3.271	101	53717	22.498	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	50355	22.044	ug/L	97
12) 1,1-Dichloroethene	4.045	96	47104	21.062	ug/L	93
13) Acetone	4.125	43	26270	55.493	ug/L	100
14) Carbon disulfide	4.393	76	172507	24.865	ug/L	99
15) Methyl Acetate	4.673	43	28562	30.946	ug/L #	80
16) Methylene chloride	4.917	84	66339	23.017	ug/L	90
17) trans-1,2-Dichloroethene	5.429	96	58288	23.567	ug/L	89
18) Methyl tert-butyl Ether	5.429	73	93748	24.785	ug/L	96
19) 1,1-Dichloroethane	6.216	63	120155	26.143	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	64436	23.572	ug/L	96
22) 2-Butanone	7.167	43	37651	55.581	ug/L	93
23) Bromochloromethane	7.514	128	28553	24.626	ug/L	91
25) Chloroform	7.673	83	118927	25.298	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	80627	26.794	ug/L	97
29) Cyclohexane	7.959	56	89202	22.188	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	91515	23.467	ug/L	98
31) Carbon tetrachloride	8.069	117	80447	22.961	ug/L	97
33) Benzene	8.319	78	260052	24.378	ug/L	100
34) Trichloroethene	9.093	95	64053	22.299	ug/L	98
35) Methylcyclohexane	9.337	83	100204	21.300	ug/L	94
37) 1,2-Dichloropropane	9.367	63	69958	25.898	ug/L	99
38) Bromodichloromethane	9.642	83	84817	24.885	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	102949	24.761	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	82306	61.210	ug/L	94
42) Toluene	10.386	91	272567	23.993	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	84805	25.207	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	49629	25.066	ug/L	97
46) Tetrachloroethene	10.861	164	46697	21.419	ug/L	97
48) 2-Hexanone	10.965	43	59828	62.587	ug/L	91
49) Dibromochloromethane	11.129	129	53529	25.445	ug/L	95
50) 1,2-Dibromoethane	11.233	107	45734	24.728	ug/L	90
51) Chlorobenzene	11.654	112	168956	23.260	ug/L	97
52) Ethylbenzene	11.727	91	313221	24.334	ug/L	96
53) m,p-Xylene	11.837	106	112647	23.450	ug/L	97
54) o-Xylene	12.160	106	108584	23.552	ug/L	91
55) Styrene	12.178	104	189500	24.531	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	60969	27.345	ug/L	97
59) Bromoform	12.343	173	29264	22.785	ug/L	99
60) Isopropylbenzene	12.458	105	292915	21.288	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	43692	24.915	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	234798	22.950	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	234537	21.749	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	129328	22.048	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	128598	21.701	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	116516	22.205	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	9390	25.015	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	81311	21.232	ug/L	93
70) 1,2,4-trichlorobenzene	15.129	180	67626	20.402	ug/L	99
71) Naphthalene	15.360	128	147133	23.246	ug/L	98
72) 1,2,3-Trichlorobenzene	15.543	180	65912	22.655	ug/L	99

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

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