

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072924\
 Data File : VD079445.D
 Acq On : 29 Jul 2024 19:30
 Operator : RP/MD
 Sample : VSTDICC005
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Jul 30 03:09:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:09:00 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/30/2024
 Supervised By :Semsettin Yesilyurt 07/30/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	236936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	409481	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	384937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	186941	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	12782	5.310	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.620%#		
35) Dibromofluoromethane	7.805	113	14488	5.227	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.460%#		
50) Toluene-d8	10.263	98	51342	4.770	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	9.540%#		
62) 4-Bromofluorobenzene	12.569	95	15428	4.953	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	9.900%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	9811	5.285	ug/l	99
3) Chloromethane	2.146	50	19100	5.584	ug/l	95
4) Vinyl Chloride	2.281	62	21002	5.164	ug/l	95
5) Bromomethane	2.687	94	20908	5.817	ug/l	93
6) Chloroethane	2.828	64	14829	5.674	ug/l	94
7) Trichlorofluoromethane	3.170	101	21379	5.286	ug/l	94
8) Diethyl Ether	3.593	74	6154	5.037	ug/l	59
9) 1,1,2-Trichlorotrifluo...	3.964	101	14064	5.498	ug/l	97
10) Methyl Iodide	4.152	142	11129	4.435	ug/l	95
11) Tert butyl alcohol	5.046	59	4711	19.305	ug/l #	86
12) 1,1-Dichloroethene	3.928	96	13468	5.261	ug/l #	82
13) Acrolein	3.793	56	5842	3.455	ug/l	99
14) Allyl chloride	4.552	41	17485	5.172	ug/l #	87
15) Acrylonitrile	5.252	53	15696	27.492	ug/l	94
16) Acetone	4.022	43	12450	26.615	ug/l #	85
17) Carbon Disulfide	4.264	76	44122	5.221	ug/l	98
18) Methyl Acetate	4.569	43	8407	5.788	ug/l #	84
19) Methyl tert-butyl Ether	5.316	73	26357	5.044	ug/l	97
20) Methylene Chloride	4.799	84	53029	9.191	ug/l	91
21) trans-1,2-Dichloroethene	5.311	96	15107	5.253	ug/l #	88
22) Diisopropyl ether	6.211	45	37108	4.934	ug/l #	88
23) Vinyl Acetate	6.152	43	138515	24.498	ug/l #	90
24) 1,1-Dichloroethane	6.105	63	27278	5.412	ug/l	99
25) 2-Butanone	7.093	43	18468	27.847	ug/l #	86
26) 2,2-Dichloropropane	7.081	77	22239	5.455	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	16433	4.999	ug/l	80
28) Bromochloromethane	7.416	49	12664	5.729	ug/l #	74
29) Tetrahydrofuran	7.446	42	10990	26.740	ug/l #	81
30) Chloroform	7.593	83	27808	5.448	ug/l	92
31) Cyclohexane	7.881	56	23055	5.767	ug/l #	91
32) 1,1,1-Trichloroethane	7.793	97	21955	5.212	ug/l	96
36) 1,1-Dichloropropene	8.010	75	18476	4.884	ug/l	95
37) Ethyl Acetate	7.175	43	8171	5.268	ug/l #	93
38) Carbon Tetrachloride	7.987	117	20225	5.086	ug/l	87
39) Methylcyclohexane	9.275	83	21274	4.713	ug/l	91
40) Benzene	8.252	78	60033	4.996	ug/l	96

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 Supervised By :Semsettin Yesilyurt 07/30/2024

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.416	41	4528	5.307	ug/l #	73
42) 1,2-Dichloroethane	8.322	62	15260	5.330	ug/l	98
43) Isopropyl Acetate	8.357	43	15064	5.168	ug/l #	94
44) Trichloroethene	9.028	130	14978	5.008	ug/l	89
45) 1,2-Dichloropropane	9.299	63	15081	5.158	ug/l #	87
46) Dibromomethane	9.393	93	8540	5.268	ug/l	98
47) Bromodichloromethane	9.581	83	20307	5.102	ug/l	95
48) Methyl methacrylate	9.381	41	6401	4.907	ug/l	89
49) 1,4-Dioxane	9.393	88	1632	97.164	ug/l #	72
51) 4-Methyl-2-Pentanone	10.157	43	35282	23.707	ug/l	92
52) Toluene	10.328	92	34658	4.664	ug/l	99
53) t-1,3-Dichloropropene	10.546	75	17642	4.800	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	21737	4.917	ug/l #	89
55) 1,1,2-Trichloroethane	10.728	97	11116	5.206	ug/l	92
56) Ethyl methacrylate	10.599	69	11677	4.615	ug/l	90
57) 1,3-Dichloropropane	10.875	76	18348	5.057	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	26673	22.860	ug/l	92
59) 2-Hexanone	10.916	43	23223	22.374	ug/l	97
60) Dibromochloromethane	11.069	129	14200	5.091	ug/l	97
61) 1,2-Dibromoethane	11.175	107	10698	5.348	ug/l	97
64) Tetrachloroethene	10.810	164	12855	4.953	ug/l	88
65) Chlorobenzene	11.604	112	43416	5.093	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	13961	4.978	ug/l	96
67) Ethyl Benzene	11.681	91	63717	4.566	ug/l	93
68) m/p-Xylenes	11.793	106	49859	9.006	ug/l	96
69) o-Xylene	12.116	106	23022	4.537	ug/l	98
70) Styrene	12.134	104	39046	4.389	ug/l	96
71) Bromoform	12.293	173	8286	5.226	ug/l #	93
73) Isopropylbenzene	12.416	105	55986	7.336	ug/l	98
74) N-amyl acetate	12.234	43	12617	4.589	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.669	83	13069	5.381	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	8270m	5.042	ug/l	
77) Bromobenzene	12.698	156	15038	4.797	ug/l	81
78) n-propylbenzene	12.757	91	70014	4.480	ug/l	99
79) 2-Chlorotoluene	12.845	91	40923	4.703	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	46147	4.431	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	4105	4.791	ug/l #	92
82) 4-Chlorotoluene	12.945	91	43321	4.776	ug/l	98
83) tert-Butylbenzene	13.163	119	39302	7.241	ug/l	94
84) 1,2,4-Trimethylbenzene	13.204	105	46045	7.089	ug/l	100
85) sec-Butylbenzene	13.340	105	61168	4.416	ug/l	99
86) p-Isopropyltoluene	13.457	119	50078	7.410	ug/l	99
87) 1,3-Dichlorobenzene	13.451	146	33440	5.150	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	34821	5.455	ug/l	95
89) n-Butylbenzene	13.781	91	48592	7.493	ug/l	97
90) Hexachloroethane	14.045	117	11697	4.828	ug/l	94
91) 1,2-Dichlorobenzene	13.828	146	28856	5.200	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1700	5.261	ug/l	92
93) 1,2,4-Trichlorobenzene	15.092	180	18597	5.319	ug/l	97
94) Hexachlorobutadiene	15.198	225	9237	4.895	ug/l	96
95) Naphthalene	15.328	128	33673	5.564	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	15809	5.140	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

