

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080924\
 Data File : VD079689.D
 Acq On : 09 Aug 2024 13:21
 Operator : RP/MD
 Sample : VD0809SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0809SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024
 Supervised By :Semsettin Yesilyurt 08/12/2024

Quant Time: Aug 10 02:08:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	185510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	379663	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	345587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	163891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	100292	53.216	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.440%			
35) Dibromofluoromethane	7.805	113	99593	38.756	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 77.520%			
50) Toluene-d8	10.269	98	394743	39.557	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 79.120%			
62) 4-Bromofluorobenzene	12.569	95	116254	40.257	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 80.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	23207	15.966	ug/l	97
3) Chloromethane	2.146	50	52072	19.443	ug/l	92
4) Vinyl Chloride	2.276	62	57586	18.084	ug/l	95
5) Bromomethane	2.676	94	43552	20.093	ug/l	95
6) Chloroethane	2.823	64	46294	22.624	ug/l	97
7) Trichlorofluoromethane	3.164	101	57126	18.039	ug/l	95
8) Diethyl Ether	3.587	74	21209	22.171	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.958	101	34737	17.343	ug/l	96
10) Methyl Iodide	4.158	142	35284	15.948	ug/l	99
11) Tert butyl alcohol	5.058	59	13779	163.471	ug/l #	93
12) 1,1-Dichloroethene	3.928	96	34154	17.039	ug/l	89
14) Allyl chloride	4.558	41	54304	20.517	ug/l #	83
15) Acrylonitrile	5.258	53	53972	120.739	ug/l	97
16) Acetone	4.023	43	36534	99.749	ug/l	95
17) Carbon Disulfide	4.264	76	94073	14.218	ug/l	96
18) Methyl Acetate	4.558	43	44078	38.762	ug/l #	82
19) Methyl tert-butyl Ether	5.317	73	90262	22.061	ug/l	98
20) Methylene Chloride	4.799	84	88980	26.605	ug/l #	85
21) trans-1,2-Dichloroethene	5.311	96	39967	17.750	ug/l	90
22) Diisopropyl ether	6.211	45	133895	22.736	ug/l #	92
23) Vinyl Acetate	6.152	43	390045	88.107	ug/l #	91
24) 1,1-Dichloroethane	6.111	63	83836	21.243	ug/l	94
25) 2-Butanone	7.081	43	58690	113.028	ug/l	93
26) 2,2-Dichloropropane	7.069	77	49937	15.643	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	51275	19.922	ug/l	87
28) Bromochloromethane	7.428	49	38272	22.115	ug/l #	66
29) Tetrahydrofuran	7.440	42	38405	119.346	ug/l #	80
30) Chloroform	7.593	83	85936	21.503	ug/l	99
31) Cyclohexane	7.875	56	54023	17.260	ug/l #	82
32) 1,1,1-Trichloroethane	7.793	97	65652	19.908	ug/l	97
36) 1,1-Dichloropropene	8.005	75	51919	14.803	ug/l	96
37) Ethyl Acetate	7.164	43	26180	18.205	ug/l #	91
38) Carbon Tetrachloride	7.987	117	55167	14.962	ug/l	98
39) Methylcyclohexane	9.269	83	53599	12.808	ug/l	95
40) Benzene	8.246	78	184899	16.598	ug/l	97
41) Methacrylonitrile	7.411	41	17306m	21.878	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.322	62	47704	17.970	ug/l	95
43) Isopropyl Acetate	8.363	43	49716	18.395	ug/l #	94
44) Trichloroethene	9.028	130	39770	14.341	ug/l	87
45) 1,2-Dichloropropane	9.299	63	48191	17.776	ug/l	96
46) Dibromomethane	9.393	93	24142	16.063	ug/l	90
47) Bromodichloromethane	9.581	83	64806	17.561	ug/l	99
48) Methyl methacrylate	9.381	41	22291	18.429	ug/l	85
49) 1,4-Dioxane	9.387	88	5458	350.473	ug/l #	77
51) 4-Methyl-2-Pentanone	10.157	43	135226	98.000	ug/l	92
52) Toluene	10.334	92	112654	16.351	ug/l	97
53) t-1,3-Dichloropropene	10.552	75	53901	15.816	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	65143	15.891	ug/l	94
55) 1,1,2-Trichloroethane	10.728	97	34148	17.248	ug/l	93
56) Ethyl methacrylate	10.593	69	42411	18.079	ug/l	89
57) 1,3-Dichloropropane	10.875	76	58839	17.489	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	87182	80.587	ug/l	89
59) 2-Hexanone	10.922	43	91323	94.896	ug/l	92
60) Dibromochloromethane	11.069	129	41247	15.948	ug/l	97
61) 1,2-Dibromoethane	11.175	107	29657	15.990	ug/l	94
64) Tetrachloroethene	10.805	164	39281	16.857	ug/l	95
65) Chlorobenzene	11.604	112	123544	16.144	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	40822	16.213	ug/l	98
67) Ethyl Benzene	11.681	91	200572	16.010	ug/l	95
68) m/p-Xylenes	11.793	106	154502	31.085	ug/l	92
69) o-Xylene	12.122	106	72483	15.910	ug/l	89
70) Styrene	12.134	104	134046	16.783	ug/l	97
71) Bromoform	12.299	173	22472	15.788	ug/l #	95
73) Isopropylbenzene	12.422	105	186187	17.695	ug/l	99
74) N-amyl acetate	12.228	43	44959	18.651	ug/l	88
75) 1,1,2,2-Tetrachloroethane	12.669	83	40150	18.858	ug/l	94
76) 1,2,3-Trichloropropane	12.716	75	26041m	18.178	ug/l	
77) Bromobenzene	12.699	156	44014	16.016	ug/l	80
78) n-propylbenzene	12.763	91	230788	16.846	ug/l	95
79) 2-Chlorotoluene	12.846	91	132062	17.312	ug/l	95
80) 1,3,5-Trimethylbenzene	12.899	105	154029	16.872	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.463	75	12692	16.898	ug/l	98
82) 4-Chlorotoluene	12.946	91	137291	17.264	ug/l	95
83) tert-Butylbenzene	13.163	119	135175	17.805	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	154827	17.469	ug/l	98
85) sec-Butylbenzene	13.340	105	197354	16.253	ug/l	100
86) p-Isopropyltoluene	13.457	119	156988	16.486	ug/l	98
87) 1,3-Dichlorobenzene	13.451	146	91739	16.116	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	91273	16.309	ug/l	94
89) n-Butylbenzene	13.787	91	144482	16.369	ug/l	97
90) Hexachloroethane	14.051	117	37692	17.747	ug/l	85
91) 1,2-Dichlorobenzene	13.828	146	82382	16.934	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5761	20.336	ug/l	83
93) 1,2,4-Trichlorobenzene	15.098	180	44654	14.568	ug/l	99
94) Hexachlorobutadiene	15.198	225	21426	12.951	ug/l	95
95) Naphthalene	15.328	128	94675	17.845	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	41013	15.211	ug/l	99

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

