

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101524\
 Data File : VD079981.D
 Acq On : 15 Oct 2024 12:28
 Operator : RP/MD
 Sample : VD1015SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1015SBS01

Quant Time: Oct 16 01:25:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101124S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 03:20:54 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/16/2024
 Supervised By :Semsettin Yesilyurt 10/16/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	150318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	231163	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	213266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	117761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	82892	48.477	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.960%		
35) Dibromofluoromethane	7.804	113	88496	53.040	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	106.080%		
50) Toluene-d8	10.269	98	315909	53.133	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	106.260%		
62) 4-Bromofluorobenzene	12.575	95	109597	52.805	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	105.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	26492	17.931	ug/l	95
3) Chloromethane	2.146	50	23802	15.686	ug/l	96
4) Vinyl Chloride	2.287	62	32051	16.988	ug/l	97
5) Bromomethane	2.687	94	27425	16.897	ug/l	94
6) Chloroethane	2.834	64	23734	18.427	ug/l	97
7) Trichlorofluoromethane	3.175	101	57449	19.435	ug/l	100
8) Diethyl Ether	3.587	74	15050	18.536	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.963	101	35220	19.400	ug/l	94
10) Methyl Iodide	4.163	142	30934	17.377	ug/l	98
11) Tert butyl alcohol	5.046	59	10105m	96.619	ug/l	
12) 1,1-Dichloroethene	3.940	96	29546	18.294	ug/l	95
13) Acrolein	3.799	56	11861	105.772	ug/l	94
14) Allyl chloride	4.557	41	43179	17.999	ug/l	99
15) Acrylonitrile	5.252	53	36645	94.454	ug/l	95
16) Acetone	4.028	43	44364	100.095	ug/l	92
17) Carbon Disulfide	4.275	76	71201	15.815	ug/l #	94
18) Methyl Acetate	4.569	43	17137	18.012	ug/l #	80
19) Methyl tert-butyl Ether	5.316	73	68401	18.337	ug/l	99
20) Methylene Chloride	4.804	84	41110	19.493	ug/l	97
21) trans-1,2-Dichloroethene	5.304	96	31966	18.432	ug/l	90
22) Diisopropyl ether	6.216	45	99045	19.038	ug/l	98
23) Vinyl Acetate	6.157	43	262368	89.756	ug/l	98
24) 1,1-Dichloroethane	6.116	63	62848	18.336	ug/l	98
25) 2-Butanone	7.087	43	51456	95.341	ug/l	94
26) 2,2-Dichloropropane	7.075	77	58063	19.579	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	40114	18.600	ug/l	98
28) Bromochloromethane	7.422	49	27947	19.103	ug/l	100
29) Tetrahydrofuran	7.446	42	25256	87.500	ug/l	96
30) Chloroform	7.593	83	71478	19.687	ug/l	94
31) Cyclohexane	7.881	56	44750	17.223	ug/l #	94
32) 1,1,1-Trichloroethane	7.793	97	59491	19.780	ug/l	98
36) 1,1-Dichloropropene	8.004	75	43366	19.393	ug/l	98
37) Ethyl Acetate	7.169	43	20934	19.337	ug/l #	95
38) Carbon Tetrachloride	7.987	117	50137	20.176	ug/l	98
39) Methylcyclohexane	9.275	83	44577	17.764	ug/l	97
40) Benzene	8.251	78	136821	19.348	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	11447m	20.134	ug/l	
42) 1,2-Dichloroethane	8.328	62	38581	19.839	ug/l	99
43) Isopropyl Acetate	8.363	43	38013	19.059	ug/l	99
44) Trichloroethene	9.028	130	33928	19.395	ug/l	99
45) 1,2-Dichloropropane	9.304	63	35569	19.835	ug/l	97
46) Dibromomethane	9.392	93	20159	20.375	ug/l	98
47) Bromodichloromethane	9.581	83	54485	20.764	ug/l #	95
48) Methyl methacrylate	9.381	41	15355	17.091	ug/l	91
49) 1,4-Dioxane	9.381	88	4330	398.276	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	100840	98.825	ug/l	99
52) Toluene	10.334	92	86508	19.980	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	45667	19.874	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	52366	19.313	ug/l	93
55) 1,1,2-Trichloroethane	10.734	97	28617	20.591	ug/l	95
56) Ethyl methacrylate	10.598	69	29422	18.121	ug/l	94
57) 1,3-Dichloropropane	10.881	76	44280	19.742	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	55700	92.710	ug/l	98
59) 2-Hexanone	10.922	43	77394	102.408	ug/l	98
60) Dibromochloromethane	11.075	129	36192	20.043	ug/l	98
61) 1,2-Dibromoethane	11.181	107	25287	19.769	ug/l	99
64) Tetrachloroethene	10.810	164	30472	20.257	ug/l	97
65) Chlorobenzene	11.604	112	97673	19.679	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.681	131	35742	20.045	ug/l	98
67) Ethyl Benzene	11.681	91	160102	19.071	ug/l	96
68) m/p-Xylenes	11.792	106	130438	40.487	ug/l	97
69) o-Xylene	12.122	106	58838	19.739	ug/l	95
70) Styrene	12.134	104	105993	19.982	ug/l	98
71) Bromoform	12.298	173	22813	21.274	ug/l #	96
73) Isopropylbenzene	12.422	105	155847	19.454	ug/l	100
74) N-amyl acetate	12.233	43	36832	19.010	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	32835	20.215	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	22630m	17.419	ug/l	
77) Bromobenzene	12.698	156	41105	19.833	ug/l	97
78) n-propylbenzene	12.763	91	201547	20.236	ug/l	100
79) 2-Chlorotoluene	12.851	91	114770	19.835	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	136617	20.234	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	11289	19.392	ug/l	98
82) 4-Chlorotoluene	12.945	91	129864	20.891	ug/l	100
83) tert-Butylbenzene	13.169	119	118075	20.404	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	139289	20.544	ug/l	100
85) sec-Butylbenzene	13.345	105	181470	20.404	ug/l	99
86) p-Isopropyltoluene	13.457	119	149329	20.126	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	86837	20.479	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	86837	20.497	ug/l	99
89) n-Butylbenzene	13.786	91	142043	19.793	ug/l	98
90) Hexachloroethane	14.051	117	32794	19.995	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	76981	20.782	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5213	19.221	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	44850	19.321	ug/l	98
94) Hexachlorobutadiene	15.204	225	27002	21.123	ug/l	99
95) Naphthalene	15.327	128	75243	18.175	ug/l	96
96) 1,2,3-Trichlorobenzene	15.522	180	40761	19.814	ug/l	98

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

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