

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102622\
 Data File : VY011109.D
 Acq On : 26 Oct 2022 12:34
 Operator : KP/MD
 Sample : VY1026SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1026SBS01

Quant Time: Oct 27 04:38:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	235342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	383690	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	346666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	175188	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	93943	43.335	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.660%
35) Dibromofluoromethane	7.716	113	99424	46.328	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.660%
50) Toluene-d8	10.179	98	338189	42.213	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	84.420%
62) 4-Bromofluorobenzene	12.477	95	129189	45.230	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.460%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	29977	19.203	ug/l	97
3) Chloromethane	2.107	50	40916	18.269	ug/l	96
4) Vinyl Chloride	2.247	62	47780	18.823	ug/l	100
5) Bromomethane	2.631	94	33308	18.971	ug/l	99
6) Chloroethane	2.784	64	32889	19.389	ug/l	95
7) Trichlorofluoromethane	3.113	101	78196	21.046	ug/l	95
8) Diethyl Ether	3.521	74	28281	20.398	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.893	101	49969	21.441	ug/l	93
10) Methyl Iodide	4.088	142	55548	19.479	ug/l	91
11) Tert butyl alcohol	4.948	59	31417	117.209	ug/l	100
12) 1,1-Dichloroethene	3.863	96	45322	20.301	ug/l	80
13) Acrolein	3.722	56	28878	82.631	ug/l	99
14) Allyl chloride	4.472	41	70091	19.798	ug/l #	85
15) Acrylonitrile	5.155	53	76458	105.793	ug/l	97
16) Acetone	3.942	43	62755	99.684	ug/l #	83
17) Carbon Disulfide	4.186	76	118146	18.052	ug/l	98
18) Methyl Acetate	4.472	43	43554	23.075	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	128725	20.637	ug/l	96
20) Methylene Chloride	4.710	84	69047	21.576	ug/l #	82
21) trans-1,2-Dichloroethene	5.210	96	50616	20.083	ug/l	92
22) Diisopropyl ether	6.112	45	162374	21.415	ug/l	91
23) Vinyl Acetate	6.057	43	452559	99.813	ug/l #	92
24) 1,1-Dichloroethane	6.009	63	97389	21.274	ug/l	99
25) 2-Butanone	6.978	43	96298	100.867	ug/l #	87
26) 2,2-Dichloropropane	6.978	77	83832	20.622	ug/l	94
27) cis-1,2-Dichloroethene	6.978	96	60637	20.875	ug/l	88
28) Bromochloromethane	7.325	49	22456	16.389	ug/l	90
29) Tetrahydrofuran	7.344	42	59859	101.908	ug/l #	85
30) Chloroform	7.502	83	99877	21.643	ug/l	97
31) Cyclohexane	7.777	56	80514	19.409	ug/l	90
32) 1,1,1-Trichloroethane	7.697	97	86808	21.400	ug/l	96
36) 1,1-Dichloropropene	7.911	75	72553	20.313	ug/l	98
37) Ethyl Acetate	7.069	43	41681	21.077	ug/l #	94
38) Carbon Tetrachloride	7.892	117	77886	21.124	ug/l	98
39) Methylcyclohexane	9.179	83	83711	19.567	ug/l	91
40) Benzene	8.155	78	217058	20.711	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	19981m	18.645	ug/l	
42) 1,2-Dichloroethane	8.234	62	61656	21.232	ug/l	92
43) Isopropyl Acetate	8.270	43	72847	20.618	ug/l #	89
44) Trichloroethene	8.935	130	58393	20.561	ug/l	96
45) 1,2-Dichloropropane	9.215	63	56528	21.259	ug/l	96
46) Dibromomethane	9.301	93	31548	21.272	ug/l	96
47) Bromodichloromethane	9.496	83	77089	21.570	ug/l	99
48) Methyl methacrylate	9.288	41	31405	19.861	ug/l #	79
49) 1,4-Dioxane	9.288	88	8889	417.157	ug/l #	89
51) 4-Methyl-2-Pentanone	10.069	43	207716	105.416	ug/l	88
52) Toluene	10.240	92	136925	21.031	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	77895	20.980	ug/l	99
54) cis-1,3-Dichloropropene	9.922	75	88467	20.822	ug/l #	82
55) 1,1,2-Trichloroethane	10.642	97	46450	21.710	ug/l	97
56) Ethyl methacrylate	10.508	69	58351	20.534	ug/l #	78
57) 1,3-Dichloropropane	10.788	76	78368	21.304	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	98828	82.484	ug/l	96
59) 2-Hexanone	10.831	43	141841	104.794	ug/l	87
60) Dibromochloromethane	10.983	129	54633	21.474	ug/l	99
61) 1,2-Dibromoethane	11.087	107	42469	20.728	ug/l	99
64) Tetrachloroethene	10.715	164	55380	20.522	ug/l	95
65) Chlorobenzene	11.514	112	149621	21.022	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	56660	21.508	ug/l	97
67) Ethyl Benzene	11.587	91	260184	20.664	ug/l	99
68) m/p-Xylenes	11.697	106	200743	41.445	ug/l	96
69) o-Xylene	12.026	106	94487	20.544	ug/l	96
70) Styrene	12.038	104	165313	21.213	ug/l	95
71) Bromoform	12.203	173	34779	21.392	ug/l #	100
73) Isopropylbenzene	12.325	105	256920	20.186	ug/l	99
74) N-amyl acetate	12.142	43	62259	19.280	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.581	83	55745	20.869	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	38418m	19.316	ug/l	
77) Bromobenzene	12.605	156	60406	20.304	ug/l	100
78) n-propylbenzene	12.666	91	318184	20.547	ug/l	100
79) 2-Chlorotoluene	12.751	91	178434	20.460	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	220774	20.789	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	18796	20.325	ug/l #	85
82) 4-Chlorotoluene	12.849	91	185390	20.417	ug/l	100
83) tert-Butylbenzene	13.074	119	192730	20.987	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	219314	20.943	ug/l	98
85) sec-Butylbenzene	13.251	105	286475	20.760	ug/l	100
86) p-Isopropyltoluene	13.367	119	238001	20.790	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	121220	20.416	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	120632	20.433	ug/l	99
89) n-Butylbenzene	13.690	91	223184	20.863	ug/l	99
90) Hexachloroethane	13.958	117	47462	21.008	ug/l	88
91) 1,2-Dichlorobenzene	13.733	146	110641	20.827	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	9049	20.489	ug/l	84
93) 1,2,4-Trichlorobenzene	15.001	180	63354	19.954	ug/l	99
94) Hexachlorobutadiene	15.111	225	39657	21.220	ug/l	98
95) Naphthalene	15.233	128	128122	19.815	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	57355	20.707	ug/l	98

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

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