

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110422\
 Data File : VY011299.D
 Acq On : 04 Nov 2022 16:01
 Operator : KP/MD
 Sample : VY1104SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/07/2022
 Supervised By :Mahesh Dadoda 11/07/2022

Quant Time: Nov 07 01:51:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	225129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	362466	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	331419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	166731	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	113285	47.050	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.100%		
35) Dibromofluoromethane	7.716	113	115818	49.732	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.460%		
50) Toluene-d8	10.179	98	436995	48.330	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.660%		
62) 4-Bromofluorobenzene	12.477	95	158655	50.543	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.080%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	49309	25.319	ug/l	98
3) Chloromethane	2.113	50	50879	20.381	ug/l	96
4) Vinyl Chloride	2.247	62	57971	20.789	ug/l	98
5) Bromomethane	2.637	94	38835	20.875	ug/l	99
6) Chloroethane	2.784	64	36201	20.203	ug/l	99
7) Trichlorofluoromethane	3.119	101	85601	20.779	ug/l	92
8) Diethyl Ether	3.527	74	28944	19.580	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.893	101	50915	20.556	ug/l	96
10) Methyl Iodide	4.088	142	61821	19.390	ug/l	90
11) Tert butyl alcohol	4.948	59	32554	109.077	ug/l	98
12) 1,1-Dichloroethene	3.869	96	50397	20.580	ug/l	82
13) Acrolein	3.723	56	14884	105.023	ug/l	97
14) Allyl chloride	4.478	41	74285	20.026	ug/l #	84
15) Acrylonitrile	5.155	53	72250	97.404	ug/l	98
16) Acetone	3.942	43	58923	81.070	ug/l #	82
17) Carbon Disulfide	4.192	76	158446	19.699	ug/l	99
18) Methyl Acetate	4.472	43	38685	20.104	ug/l #	85
19) Methyl tert-butyl Ether	5.222	73	132941	20.429	ug/l	99
20) Methylene Chloride	4.710	84	84525	26.025	ug/l #	82
21) trans-1,2-Dichloroethene	5.216	96	57253	20.555	ug/l	87
22) Diisopropyl ether	6.118	45	157136	20.432	ug/l #	89
23) Vinyl Acetate	6.057	43	463537	98.748	ug/l #	90
24) 1,1-Dichloroethane	6.009	63	98296	20.409	ug/l	98
25) 2-Butanone	6.984	43	93488	91.417	ug/l #	84
26) 2,2-Dichloropropane	6.978	77	89257	20.268	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	64064	20.874	ug/l	89
28) Bromochloromethane	7.326	49	35063	18.953	ug/l #	82
29) Tetrahydrofuran	7.344	42	57793	97.074	ug/l #	83
30) Chloroform	7.502	83	100588	20.679	ug/l	100
31) Cyclohexane	7.783	56	89362	20.024	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	89209	20.677	ug/l	95
36) 1,1-Dichloropropene	7.917	75	78443	20.626	ug/l	97
37) Ethyl Acetate	7.076	43	40045	19.533	ug/l #	91
38) Carbon Tetrachloride	7.893	117	82673	20.953	ug/l	97
39) Methylcyclohexane	9.179	83	97744	21.126	ug/l	93
40) Benzene	8.155	78	230160	20.592	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	21614	19.403	ug/l #	47
42) 1,2-Dichloroethane	8.234	62	61892	20.391	ug/l	90
43) Isopropyl Acetate	8.270	43	72658	20.116	ug/l #	87
44) Trichloroethene	8.935	130	61683	20.621	ug/l	97
45) 1,2-Dichloropropane	9.215	63	56322	20.382	ug/l	96
46) Dibromomethane	9.301	93	31385	20.102	ug/l	98
47) Bromodichloromethane	9.496	83	75806	20.482	ug/l	99
48) Methyl methacrylate	9.289	41	32893	19.826	ug/l #	76
49) 1,4-Dioxane	9.295	88	8126	386.875	ug/l #	89
51) 4-Methyl-2-Pentanone	10.069	43	192367	97.947	ug/l #	86
52) Toluene	10.240	92	144936	20.912	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	79946	20.510	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	91722	20.565	ug/l #	78
55) 1,1,2-Trichloroethane	10.642	97	44647	19.952	ug/l	99
56) Ethyl methacrylate	10.508	69	60825	20.578	ug/l #	75
57) 1,3-Dichloropropane	10.788	76	78212	20.420	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	143376	103.470	ug/l	97
59) 2-Hexanone	10.831	43	134564	95.971	ug/l	85
60) Dibromochloromethane	10.983	129	54002	20.312	ug/l	100
61) 1,2-Dibromoethane	11.087	107	43920	20.674	ug/l	98
64) Tetrachloroethene	10.715	164	60433	21.467	ug/l	99
65) Chlorobenzene	11.514	112	153696	21.020	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	55946	20.780	ug/l	96
67) Ethyl Benzene	11.587	91	274539	21.167	ug/l	99
68) m/p-Xylenes	11.697	106	212819	42.270	ug/l	95
69) o-Xylene	12.026	106	99758	21.137	ug/l	95
70) Styrene	12.044	104	169105	21.136	ug/l	95
71) Bromoform	12.203	173	34611	20.684	ug/l #	98
73) Isopropylbenzene	12.325	105	264140	21.189	ug/l	100
74) N-amyl acetate	12.142	43	63451	20.277	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.581	83	52217	20.242	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	37301m	18.377	ug/l	
77) Bromobenzene	12.605	156	61268	20.894	ug/l	99
78) n-propylbenzene	12.666	91	324320	21.261	ug/l	99
79) 2-Chlorotoluene	12.751	91	182682	20.902	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	224776	21.308	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	19084	20.121	ug/l #	81
82) 4-Chlorotoluene	12.849	91	189782	21.071	ug/l	99
83) tert-Butylbenzene	13.075	119	193382	21.276	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	222240	21.302	ug/l	99
85) sec-Butylbenzene	13.251	105	290095	21.526	ug/l	100
86) p-Isopropyltoluene	13.367	119	241778	21.525	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	123790	21.054	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	122245	20.730	ug/l	98
89) n-Butylbenzene	13.690	91	224231	21.378	ug/l	99
90) Hexachloroethane	13.958	117	46895	20.876	ug/l	92
91) 1,2-Dichlorobenzene	13.733	146	110254	20.993	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8706	19.701	ug/l	81
93) 1,2,4-Trichlorobenzene	15.001	180	66488	20.946	ug/l	99
94) Hexachlorobutadiene	15.105	225	40433	21.876	ug/l	100
95) Naphthalene	15.233	128	128080	19.856	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	57148	20.486	ug/l	99

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

