

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110322\
 Data File : VY011279.D
 Acq On : 03 Nov 2022 11:19
 Operator : KP/MD
 Sample : VY1103SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/04/2022
 Supervised By :Mahesh Dadoda 11/04/2022

Quant Time: Nov 03 14:30:06 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	249870	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	395391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	359844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	184271	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	119830	44.840	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.680%
35) Dibromofluoromethane	7.716	113	123259	48.520	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.040%
50) Toluene-d8	10.179	98	471105	47.764	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.520%
62) 4-Bromofluorobenzene	12.477	95	167684	48.971	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.940%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	53886	24.846	ug/l	99
3) Chloromethane	2.113	50	55688	20.099	ug/l	96
4) Vinyl Chloride	2.247	62	62412	20.165	ug/l	98
5) Bromomethane	2.638	94	42341	20.506	ug/l	97
6) Chloroethane	2.784	64	39602	19.912	ug/l	97
7) Trichlorofluoromethane	3.119	101	93558	20.461	ug/l	96
8) Diethyl Ether	3.528	74	31685	19.312	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.893	101	55663	20.248	ug/l	95
10) Methyl Iodide	4.082	142	66538	18.803	ug/l	90
11) Tert butyl alcohol	4.948	59	45365	151.881	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	53778	19.786	ug/l	83
13) Acrolein	3.729	56	17771	114.481	ug/l	97
14) Allyl chloride	4.479	41	78415	19.046	ug/l #	84
15) Acrylonitrile	5.155	53	80263	97.492	ug/l	97
16) Acetone	3.942	43	66543	82.489	ug/l #	82
17) Carbon Disulfide	4.186	76	173323	19.415	ug/l	99
18) Methyl Acetate	4.473	43	43256	20.254	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	139693	19.341	ug/l	99
20) Methylene Chloride	4.710	84	99344	27.889	ug/l #	80
21) trans-1,2-Dichloroethene	5.216	96	61119	19.771	ug/l	85
22) Diisopropyl ether	6.119	45	165405	19.377	ug/l #	90
23) Vinyl Acetate	6.058	43	491053	94.252	ug/l #	90
24) 1,1-Dichloroethane	6.015	63	103707	19.400	ug/l	98
25) 2-Butanone	6.984	43	104423	91.999	ug/l #	84
26) 2,2-Dichloropropane	6.978	77	94895	19.414	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	67733	19.885	ug/l	88
28) Bromochloromethane	7.332	49	38328	18.666	ug/l #	81
29) Tetrahydrofuran	7.344	42	63428	95.990	ug/l #	81
30) Chloroform	7.502	83	105947	19.624	ug/l	99
31) Cyclohexane	7.783	56	94324	19.043	ug/l #	86
32) 1,1,1-Trichloroethane	7.698	97	94672	19.770	ug/l	95
36) 1,1-Dichloropropene	7.911	75	84552	20.381	ug/l	98
37) Ethyl Acetate	7.070	43	44206	19.767	ug/l #	91
38) Carbon Tetrachloride	7.899	117	87511	20.333	ug/l	95
39) Methylcyclohexane	9.179	83	103945	20.595	ug/l	93
40) Benzene	8.155	78	244235	20.031	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	19455	16.010	ug/l #	40
42) 1,2-Dichloroethane	8.234	62	65297	19.722	ug/l	90
43) Isopropyl Acetate	8.271	43	74590	18.931	ug/l #	85
44) Trichloroethene	8.935	130	66212	20.292	ug/l	98
45) 1,2-Dichloropropane	9.216	63	59837	19.851	ug/l	96
46) Dibromomethane	9.301	93	34212	20.088	ug/l	98
47) Bromodichloromethane	9.496	83	80473	19.932	ug/l	98
48) Methyl methacrylate	9.289	41	34901	19.285	ug/l #	75
49) 1,4-Dioxane	9.295	88	9681	422.527	ug/l #	88
51) 4-Methyl-2-Pentanone	10.069	43	209689	97.877	ug/l #	85
52) Toluene	10.240	92	154224	20.400	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	83821	19.714	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	96375	19.809	ug/l #	79
55) 1,1,2-Trichloroethane	10.642	97	49434	20.252	ug/l	96
56) Ethyl methacrylate	10.508	69	64083	19.875	ug/l #	71
57) 1,3-Dichloropropane	10.788	76	83192	19.911	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	155437	102.833	ug/l	95
59) 2-Hexanone	10.831	43	147150	96.208	ug/l	82
60) Dibromochloromethane	10.984	129	59717	20.591	ug/l	99
61) 1,2-Dibromoethane	11.087	107	47092	20.321	ug/l	98
64) Tetrachloroethene	10.715	164	64515	21.106	ug/l	96
65) Chlorobenzene	11.514	112	164367	20.704	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	60114	20.565	ug/l	96
67) Ethyl Benzene	11.587	91	289127	20.531	ug/l	97
68) m/p-Xylenes	11.697	106	229206	41.929	ug/l	93
69) o-Xylene	12.026	106	105725	20.632	ug/l	94
70) Styrene	12.044	104	180876	20.822	ug/l	95
71) Bromoform	12.209	173	37972	20.900	ug/l #	100
73) Isopropylbenzene	12.325	105	283695	20.591	ug/l	100
74) N-amyl acetate	12.142	43	65620	18.974	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.581	83	57305	20.100	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	49256m	21.956	ug/l	
77) Bromobenzene	12.605	156	65648	20.257	ug/l	98
78) n-propylbenzene	12.666	91	347138	20.591	ug/l	98
79) 2-Chlorotoluene	12.752	91	195940	20.285	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	240951	20.668	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	20344	19.408	ug/l #	81
82) 4-Chlorotoluene	12.849	91	201487	20.241	ug/l	99
83) tert-Butylbenzene	13.075	119	205273	20.434	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	239875	20.804	ug/l	99
85) sec-Butylbenzene	13.251	105	308297	20.699	ug/l	100
86) p-Isopropyltoluene	13.367	119	256861	20.691	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	133541	20.550	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	132111	20.271	ug/l	99
89) n-Butylbenzene	13.696	91	236774	20.425	ug/l	99
90) Hexachloroethane	13.959	117	49820	20.067	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	119371	20.565	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9325	19.093	ug/l	81
93) 1,2,4-Trichlorobenzene	15.001	180	69728	19.875	ug/l	99
94) Hexachlorobutadiene	15.105	225	41394	20.264	ug/l	98
95) Naphthalene	15.233	128	137114	19.357	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	59325	19.242	ug/l	98

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

