

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120623\
 Data File : VY016610.D
 Acq On : 06 Dec 2023 12:38
 Operator : SY/MD
 Sample : VY1206SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1206SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/07/2023
 Supervised By :Semsettin Yesilyurt 12/07/2023

Quant Time: Dec 07 00:31:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	213028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	306151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	265377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	132214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	95497	48.501	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.000%		
35) Dibromofluoromethane	7.740	113	90988	49.385	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.760%		
50) Toluene-d8	10.197	98	351404	50.423	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.840%		
62) 4-Bromofluorobenzene	12.495	95	119540	52.160	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	104.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	38214	20.308	ug/l	94
3) Chloromethane	2.125	50	28746	14.726	ug/l	93
4) Vinyl Chloride	2.265	62	30019	15.228	ug/l	100
5) Bromomethane	2.668	94	20544	16.637	ug/l	99
6) Chloroethane	2.814	64	19347	15.888	ug/l	96
7) Trichlorofluoromethane	3.143	101	73602	19.750	ug/l	100
8) Diethyl Ether	3.546	74	17712	17.065	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.918	101	38451	18.450	ug/l	96
10) Methyl Iodide	4.119	142	41579	18.883	ug/l	97
11) Tert butyl alcohol	4.978	59	12200	90.941	ug/l #	84
12) 1,1-Dichloroethene	3.893	96	34483	18.214	ug/l	86
13) Acrolein	3.747	56	15909	81.571	ug/l	100
14) Allyl chloride	4.503	41	45599	15.783	ug/l #	90
15) Acrylonitrile	5.186	53	33350	79.609	ug/l	99
16) Acetone	3.966	43	42067	94.415	ug/l	98
17) Carbon Disulfide	4.222	76	89104	16.787	ug/l	100
18) Methyl Acetate	4.503	43	24051	13.618	ug/l #	84
19) Methyl tert-butyl Ether	5.253	73	84116	18.075	ug/l	100
20) Methylene Chloride	4.747	84	37141	16.662	ug/l	86
21) trans-1,2-Dichloroethene	5.253	96	38140	17.915	ug/l	94
22) Diisopropyl ether	6.143	45	95552	16.081	ug/l #	89
23) Vinyl Acetate	6.088	43	232646	81.558	ug/l #	92
24) 1,1-Dichloroethane	6.045	63	61308	16.794	ug/l #	92
25) 2-Butanone	7.009	43	52142	85.106	ug/l #	87
26) 2,2-Dichloropropane	7.009	77	64324	18.743	ug/l	98
27) cis-1,2-Dichloroethene	7.009	96	42664	18.206	ug/l	91
28) Bromochloromethane	7.356	49	23315	15.768	ug/l #	67
29) Tetrahydrofuran	7.374	42	25694	73.558	ug/l #	85
30) Chloroform	7.527	83	70933	18.229	ug/l	96
31) Cyclohexane	7.807	56	55499	16.511	ug/l #	80
32) 1,1,1-Trichloroethane	7.728	97	72510	19.689	ug/l	97
36) 1,1-Dichloropropene	7.941	75	55012	19.642	ug/l	97
37) Ethyl Acetate	7.100	43	19876	16.960	ug/l #	96
38) Carbon Tetrachloride	7.923	117	69239	21.355	ug/l	97
39) Methylcyclohexane	9.203	83	64691	19.171	ug/l	92
40) Benzene	8.179	78	147238	18.652	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	13575m	20.056	ug/l	
42) 1,2-Dichloroethane	8.258	62	44915	19.595	ug/l	96
43) Isopropyl Acetate	8.295	43	38126	16.864	ug/l #	89
44) Trichloroethene	8.959	130	47093	19.782	ug/l	87
45) 1,2-Dichloropropane	9.234	63	33580	17.669	ug/l	100
46) Dibromomethane	9.325	93	19434	18.653	ug/l	91
47) Bromodichloromethane	9.514	83	53825	19.405	ug/l	97
48) Methyl methacrylate	9.307	41	20350	15.586	ug/l #	89
49) 1,4-Dioxane	9.319	88	3771	357.585	ug/l #	62
51) 4-Methyl-2-Pentanone	10.087	43	96311	81.975	ug/l	94
52) Toluene	10.258	92	98102	19.828	ug/l	93
53) t-1,3-Dichloropropene	10.484	75	49235	18.808	ug/l	99
54) cis-1,3-Dichloropropene	9.947	75	56704	18.444	ug/l	95
55) 1,1,2-Trichloroethane	10.660	97	27992	19.287	ug/l	92
56) Ethyl methacrylate	10.526	69	24085	18.104	ug/l	87
57) 1,3-Dichloropropane	10.807	76	45730	18.652	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.801	63	74022	90.289	ug/l #	84
59) 2-Hexanone	10.843	43	81793	92.028	ug/l	91
60) Dibromochloromethane	11.002	129	37635	19.408	ug/l	98
61) 1,2-Dibromoethane	11.105	107	25759	18.870	ug/l	99
64) Tetrachloroethene	10.733	164	50181	20.633	ug/l	98
65) Chlorobenzene	11.532	112	106245	19.766	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.605	131	42343	20.156	ug/l	97
67) Ethyl Benzene	11.605	91	186994	19.398	ug/l	96
68) m/p-Xylenes	11.715	106	148736	40.644	ug/l	95
69) o-Xylene	12.044	106	69850	20.447	ug/l	94
70) Styrene	12.056	104	100184	20.439	ug/l	99
71) Bromoform	12.221	173	23353	20.586	ug/l #	100
73) Isopropylbenzene	12.343	105	195483	19.967	ug/l	99
74) N-amyl acetate	12.154	43	31747	16.263	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.593	83	26216	16.836	ug/l	94
76) 1,2,3-Trichloropropane	12.642	75	22438m	18.787	ug/l	
77) Bromobenzene	12.623	156	47916	20.767	ug/l	81
78) n-propylbenzene	12.684	91	219800	19.289	ug/l	96
79) 2-Chlorotoluene	12.770	91	123158	19.180	ug/l	96
80) 1,3,5-Trimethylbenzene	12.825	105	162480	20.425	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.392	75	9419	17.790	ug/l	99
82) 4-Chlorotoluene	12.867	91	128533	19.345	ug/l	98
83) tert-Butylbenzene	13.087	119	149103	20.978	ug/l	97
84) 1,2,4-Trimethylbenzene	13.135	105	158651	20.418	ug/l	98
85) sec-Butylbenzene	13.264	105	200731	20.108	ug/l	97
86) p-Isopropyltoluene	13.385	119	177622	20.498	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	89372	20.291	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	88449	20.462	ug/l	100
89) n-Butylbenzene	13.709	91	153912	19.750	ug/l	94
90) Hexachloroethane	13.977	117	32829	19.254	ug/l	95
91) 1,2-Dichlorobenzene	13.751	146	74513	19.704	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	4856	19.488	ug/l	98
93) 1,2,4-Trichlorobenzene	15.019	180	44556	20.880	ug/l	99
94) Hexachlorobutadiene	15.123	225	30992	22.988	ug/l	98
95) Naphthalene	15.251	128	70037	22.098	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	35736	22.798	ug/l	99

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

