

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102623\
 Data File : VY016083.D
 Acq On : 26 Oct 2023 17:33
 Operator : SY/MD
 Sample : VY1026SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1026SBS01

Quant Time: Oct 27 04:19:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/27/2023
 Supervised By :Semsettin Yesilyurt 10/27/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	204720	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	331724	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	302227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	151264	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	99754	49.003	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.000%		
35) Dibromofluoromethane	7.716	113	99489	47.508	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.020%		
50) Toluene-d8	10.179	98	374997	48.342	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.680%		
62) 4-Bromofluorobenzene	12.483	95	130263	48.955	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	97.900%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	27148	19.215	ug/l	96
3) Chloromethane	2.113	50	34755	20.075	ug/l	99
4) Vinyl Chloride	2.247	62	39340	19.890	ug/l	94
5) Bromomethane	2.638	94	30046	20.438	ug/l	99
6) Chloroethane	2.784	64	27684	20.435	ug/l	96
7) Trichlorofluoromethane	3.119	101	62793	19.839	ug/l	99
8) Diethyl Ether	3.528	74	22013	20.750	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.899	101	38288	20.053	ug/l	94
10) Methyl Iodide	4.082	142	47662	19.536	ug/l	97
11) Tert butyl alcohol	4.954	59	31686	126.566	ug/l #	90
12) 1,1-Dichloroethene	3.869	96	34726	19.851	ug/l	91
13) Acrolein	3.723	56	26614	104.969	ug/l	99
14) Allyl chloride	4.473	41	55175	20.177	ug/l	92
15) Acrylonitrile	5.155	53	56315	108.210	ug/l	98
16) Acetone	3.948	43	59952	108.656	ug/l	97
17) Carbon Disulfide	4.192	76	96572	19.957	ug/l	98
18) Methyl Acetate	4.479	43	41706	21.379	ug/l	91
19) Methyl tert-butyl Ether	5.216	73	105460	21.139	ug/l	99
20) Methylene Chloride	4.710	84	58046	23.986	ug/l	86
21) trans-1,2-Dichloroethene	5.216	96	41765	20.596	ug/l	95
22) Diisopropyl ether	6.119	45	124647	20.845	ug/l	89
23) Vinyl Acetate	6.058	43	339915	106.098	ug/l	95
24) 1,1-Dichloroethane	6.009	63	74419	20.658	ug/l	97
25) 2-Butanone	6.978	43	81452	109.378	ug/l	99
26) 2,2-Dichloropropane	6.978	77	66995	20.005	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	49276	20.692	ug/l	92
28) Bromochloromethane	7.332	49	31777	21.561	ug/l	93
29) Tetrahydrofuran	7.344	42	46808	109.551	ug/l	91
30) Chloroform	7.503	83	79203	20.812	ug/l	96
31) Cyclohexane	7.783	56	63213	19.739	ug/l	91
32) 1,1,1-Trichloroethane	7.698	97	69145	20.256	ug/l	97
36) 1,1-Dichloropropene	7.917	75	57531	19.708	ug/l	98
37) Ethyl Acetate	7.070	43	32827	21.940	ug/l #	94
38) Carbon Tetrachloride	7.899	117	62091	20.114	ug/l	96
39) Methylcyclohexane	9.179	83	69387	19.512	ug/l	91
40) Benzene	8.155	78	169893	20.557	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	15519	19.819	ug/l	93
42) 1,2-Dichloroethane	8.234	62	51035	21.371	ug/l	94
43) Isopropyl Acetate	8.271	43	60049	21.465	ug/l	93
44) Trichloroethene	8.935	130	47190	20.448	ug/l	98
45) 1,2-Dichloropropane	9.216	63	43740	20.911	ug/l	96
46) Dibromomethane	9.301	93	26087	21.270	ug/l	96
47) Bromodichloromethane	9.496	83	61020	20.572	ug/l	100
48) Methyl methacrylate	9.289	41	26891	20.865	ug/l	87
49) 1,4-Dioxane	9.295	88	7248	472.342	ug/l #	68
51) 4-Methyl-2-Pentanone	10.069	43	161841	109.636	ug/l	92
52) Toluene	10.240	92	110410	20.804	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	63313	20.874	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	70994	20.697	ug/l	91
55) 1,1,2-Trichloroethane	10.642	97	36033	20.678	ug/l	97
56) Ethyl methacrylate	10.508	69	47298	21.120	ug/l #	85
57) 1,3-Dichloropropane	10.789	76	61941	21.264	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	123535	110.803	ug/l	94
59) 2-Hexanone	10.831	43	120878	111.163	ug/l	90
60) Dibromochloromethane	10.984	129	44822	21.004	ug/l	99
61) 1,2-Dibromoethane	11.087	107	35780	21.443	ug/l	100
64) Tetrachloroethene	10.721	164	39858	19.929	ug/l	96
65) Chlorobenzene	11.514	112	121278	20.420	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	45510	20.518	ug/l	99
67) Ethyl Benzene	11.593	91	211991	20.095	ug/l	99
68) m/p-Xylenes	11.703	106	166515	40.788	ug/l	93
69) o-Xylene	12.026	106	78857	20.176	ug/l	97
70) Styrene	12.044	104	133637	20.512	ug/l	96
71) Bromoform	12.209	173	28401	21.021	ug/l #	98
73) Isopropylbenzene	12.331	105	210174	19.743	ug/l	99
74) N-amyl acetate	12.142	43	54015	20.809	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	45301	20.817	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	32594m	21.105	ug/l	
77) Bromobenzene	12.605	156	50241	20.222	ug/l	98
78) n-propylbenzene	12.672	91	256038	19.864	ug/l	99
79) 2-Chlorotoluene	12.758	91	142695	19.767	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	175267	19.830	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	14923	20.999	ug/l	92
82) 4-Chlorotoluene	12.855	91	149607	19.984	ug/l	99
83) tert-Butylbenzene	13.075	119	155580	19.803	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	175446	20.099	ug/l	98
85) sec-Butylbenzene	13.251	105	232937	19.907	ug/l	99
86) p-Isopropyltoluene	13.367	119	193162	19.783	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	98798	19.694	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	101493	20.470	ug/l	99
89) n-Butylbenzene	13.697	91	181292	19.905	ug/l	97
90) Hexachloroethane	13.959	117	36526	19.215	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	91292	20.553	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7003	20.499	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	56952	20.725	ug/l	98
94) Hexachlorobutadiene	15.111	225	31935	20.023	ug/l	99
95) Naphthalene	15.233	128	113032	21.091	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	49513	20.894	ug/l	99

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

