

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050124\
 Data File : VY018089.D
 Acq On : 01 May 2024 09:46
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 05/02/2024
 Supervised By :Semsettin Yesilyurt 05/02/2024

Quant Time: May 01 16:02:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 14:41:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	355204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	574819	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	485039	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	218833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	26608	9.503	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	19.000%	#	
35) Dibromofluoromethane	7.716	113	30542	9.246	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	18.500%	#	
50) Toluene-d8	10.179	98	118716	9.206	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	18.420%	#	
62) 4-Bromofluorobenzene	12.483	95	40080	9.031	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	18.060%	#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	30426	10.731	ug/l	97
3) Chloromethane	2.107	50	38241	10.322	ug/l	95
4) Vinyl Chloride	2.247	62	41288	10.301	ug/l	99
5) Bromomethane	2.650	94	27800	11.236	ug/l	94
6) Chloroethane	2.790	64	25969	10.403	ug/l	99
7) Trichlorofluoromethane	3.125	101	54153	10.148	ug/l	98
8) Diethyl Ether	3.515	74	17466	10.194	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.893	101	33619	10.095	ug/l	95
10) Methyl Iodide	4.082	142	42994	9.741	ug/l	99
11) Tert butyl alcohol	4.954	59	13148	56.760	ug/l #	89
12) 1,1-Dichloroethene	3.869	96	35450	10.439	ug/l	87
13) Acrolein	3.723	56	19316	56.872	ug/l	97
14) Allyl chloride	4.466	41	44681	9.952	ug/l	99
15) Acrylonitrile	5.149	53	32714	50.830	ug/l	97
16) Acetone	3.936	43	26656	50.352	ug/l	92
17) Carbon Disulfide	4.192	76	103001	10.158	ug/l	97
18) Methyl Acetate	4.466	43	15022	10.997	ug/l	96
19) Methyl tert-butyl Ether	5.210	73	79958	10.261	ug/l	93
20) Methylene Chloride	4.704	84	40490	10.833	ug/l	98
21) trans-1,2-Dichloroethene	5.216	96	37223	10.311	ug/l	88
22) Diisopropyl ether	6.112	45	90211	9.756	ug/l	93
23) Vinyl Acetate	6.045	43	293662	50.071	ug/l	100
24) 1,1-Dichloroethane	6.009	63	57178	10.240	ug/l	99
25) 2-Butanone	6.978	43	41522	50.039	ug/l	94
26) 2,2-Dichloropropane	6.972	77	52536	10.060	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	42737	9.927	ug/l	97
28) Bromochloromethane	7.326	49	24730	10.959	ug/l #	88
29) Tetrahydrofuran	7.338	42	27960	53.002	ug/l	96
30) Chloroform	7.502	83	58663	9.928	ug/l	99
31) Cyclohexane	7.777	56	55826	10.406	ug/l #	88
32) 1,1,1-Trichloroethane	7.697	97	53875	9.990	ug/l	99
36) 1,1-Dichloropropene	7.917	75	43313	9.823	ug/l	95
37) Ethyl Acetate	7.069	43	20072	10.460	ug/l	95
38) Carbon Tetrachloride	7.899	117	50347	10.060	ug/l	97
39) Methylcyclohexane	9.179	83	63984	9.879	ug/l	95
40) Benzene	8.155	78	141572	9.992	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	9402	7.816	ug/l	91
42) 1,2-Dichloroethane	8.228	62	32472	9.892	ug/l	98
43) Isopropyl Acetate	8.270	43	39943	9.908	ug/l	96
44) Trichloroethene	8.935	130	39833	9.913	ug/l	97
45) 1,2-Dichloropropane	9.215	63	30936	10.007	ug/l	99
46) Dibromomethane	9.301	93	19722	10.493	ug/l	95
47) Bromodichloromethane	9.496	83	45092	9.772	ug/l	97
48) Methyl methacrylate	9.289	41	18027	9.769	ug/l	94
49) 1,4-Dioxane	9.295	88	4431	212.490	ug/l #	79
51) 4-Methyl-2-Pentanone	10.069	43	98654	50.105	ug/l	96
52) Toluene	10.240	92	92070	9.818	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	43574	9.773	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	51477	9.828	ug/l #	92
55) 1,1,2-Trichloroethane	10.642	97	25627	10.137	ug/l	99
56) Ethyl methacrylate	10.508	69	34735	9.718	ug/l	90
57) 1,3-Dichloropropane	10.788	76	39907	9.881	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	87684	52.554	ug/l	92
59) 2-Hexanone	10.831	43	68198	48.530	ug/l	95
60) Dibromochloromethane	10.983	129	33692	9.812	ug/l	97
61) 1,2-Dibromoethane	11.087	107	24270	10.019	ug/l	95
64) Tetrachloroethene	10.721	164	35247	10.039	ug/l	94
65) Chlorobenzene	11.514	112	102232	9.986	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	34707	10.078	ug/l	97
67) Ethyl Benzene	11.593	91	169739	9.887	ug/l	96
68) m/p-Xylenes	11.697	106	136784	19.884	ug/l	98
69) o-Xylene	12.026	106	66025	9.991	ug/l	95
70) Styrene	12.044	104	109182	9.816	ug/l	98
71) Bromoform	12.203	173	19816	9.819	ug/l #	99
73) Isopropylbenzene	12.331	105	164592	9.993	ug/l	98
74) N-amyl acetate	12.142	43	34101	9.434	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	27176	10.370	ug/l	95
76) 1,2,3-Trichloropropane	12.629	75	18604m	5.477	ug/l	
77) Bromobenzene	12.605	156	39024	9.972	ug/l	92
78) n-propylbenzene	12.672	91	186126	9.814	ug/l	95
79) 2-Chlorotoluene	12.757	91	106524	9.889	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	132288	9.966	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	10522	10.437	ug/l	95
82) 4-Chlorotoluene	12.855	91	106897	9.685	ug/l	96
83) tert-Butylbenzene	13.075	119	120713	9.933	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	128810	9.906	ug/l	97
85) sec-Butylbenzene	13.251	105	171943	9.859	ug/l	98
86) p-Isopropyltoluene	13.367	119	143769	9.892	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	74855	10.001	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	74087	10.042	ug/l	97
89) n-Butylbenzene	13.696	91	123723	9.620	ug/l	96
90) Hexachloroethane	13.958	117	29618	10.031	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	65561	10.052	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4185	10.586	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	33289	9.132	ug/l	98
94) Hexachlorobutadiene	15.111	225	19499	9.664	ug/l	98
95) Naphthalene	15.239	128	61370	9.143	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	27636	9.086	ug/l	99

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

