

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112718\
 Data File : VN052480.D
 Acq On : 27 Nov 2018 15:53
 Operator : MD\SY
 Sample : VN1127WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/28/2018 9:33:57 AM

Quant Time: Nov 28 06:42:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1089078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1715414	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1480927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	643101	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	594030	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
35) Dibromofluoromethane	7.59	113	531943	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
50) Toluene-d8	10.09	98	2068788	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
62) 4-Bromofluorobenzene	12.40	95	681116	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	188835	18.518	ug/l	100
3) Chloromethane	2.06	50	251155	18.658	ug/l	98
4) Vinyl Chloride	2.19	62	258718	18.711	ug/l	100
5) Bromomethane	2.58	94	160486	18.602	ug/l	97
6) Chloroethane	2.71	64	158433	18.916	ug/l	100
7) Trichlorofluoromethane	3.02	101	320709	18.882	ug/l	100
8) Diethyl Ether	3.41	74	119096	18.988	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.77	101	203271	19.179	ug/l	98
10) Methyl Iodide	3.96	142	259958	18.416	ug/l	100
11) Tert butyl alcohol	4.78	59	50522	85.104	ug/l #	87
12) 1,1-Dichloroethene	3.74	96	194975	19.112	ug/l	98
13) Acrolein	3.61	56	81016	100.860	ug/l	99
14) Allyl chloride	4.33	41	340257	19.352	ug/l	99
15) Acrylonitrile	4.99	53	334838	89.103	ug/l	98
16) Acetone	3.82	43	266584	85.234	ug/l	99
17) Carbon Disulfide	4.06	76	581882	18.124	ug/l	99
18) Methyl Acetate	4.33	43	156148	17.405	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	514978	18.973	ug/l	98
20) Methylene Chloride	4.56	84	225365	18.413	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	208314	19.119	ug/l	98
22) Diisopropyl ether	5.95	45	714163	19.337	ug/l	99
23) Vinyl Acetate	5.90	43	2145839	93.281	ug/l	100
24) 1,1-Dichloroethane	5.85	63	408507	19.372	ug/l	99
25) 2-Butanone	6.84	43	386803	87.252	ug/l	99
26) 2,2-Dichloropropane	6.83	77	285008	19.526	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	242124	19.077	ug/l	99
28) Bromochloromethane	7.20	49	185291	19.238	ug/l	99
29) Tetrahydrofuran	7.21	42	244622	85.551	ug/l	99
30) Chloroform	7.37	83	394439	18.748	ug/l	99
31) Cyclohexane	7.65	56	398356	19.293	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	323694	19.418	ug/l	98
36) 1,1-Dichloropropene	7.79	75	303656	18.745	ug/l	98
37) Ethyl Acetate	6.93	43	171065	17.303	ug/l	99
38) Carbon Tetrachloride	7.78	117	278766	19.010	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	375038	19.048	ug/l	99
40) Benzene	8.04	78	923854	19.137	ug/l	100
41) Methacrylonitrile	7.17	41	89387	16.538	ug/l	94
42) 1,2-Dichloroethane	8.13	62	274963	18.810	ug/l	99
43) Isopropyl Acetate	8.17	43	299298	17.889	ug/l	100
44) Trichloroethene	8.83	130	237386	19.197	ug/l	99
45) 1,2-Dichloropropane	9.12	63	247435	19.278	ug/l	100
46) Dibromomethane	9.21	93	134020	18.862	ug/l	99
47) Bromodichloromethane	9.40	83	290959	18.835	ug/l	99
48) Methyl methacrylate	9.20	41	154366	17.695	ug/l	99
49) 1,4-Dioxane	9.20	88	33304	367.848	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	829148	88.330	ug/l	100
52) Toluene	10.16	92	556096	19.388	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	276624	18.614	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	342638	19.239	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	191107	18.941	ug/l	99
56) Ethyl methacrylate	10.43	69	232581	18.400	ug/l	99
57) 1,3-Dichloropropane	10.71	76	333467	18.718	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	657485	89.806	ug/l	100
59) 2-Hexanone	10.75	43	548724	87.098	ug/l	100
60) Dibromochloromethane	10.90	129	202955	18.521	ug/l	100
61) 1,2-Dibromoethane	11.01	107	184483	18.410	ug/l	100
64) Tetrachloroethene	10.63	164	219580	19.124	ug/l	98
65) Chlorobenzene	11.43	112	600900	19.678	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	208096	19.599	ug/l	99
67) Ethyl Benzene	11.51	91	1055691	19.742	ug/l	99
68) m/p-Xylenes	11.62	106	788122	39.589	ug/l	100
69) o-Xylene	11.95	106	384307	19.880	ug/l	100
70) Styrene	11.96	104	612709	19.899	ug/l	99
71) Bromoform	12.13	173	129648	18.441	ug/l #	98
73) Isopropylbenzene	12.25	105	1027552	20.366	ug/l	100
74) N-amyl acetate	12.07	43	231942	18.196	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	218750	19.059	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	190246m	19.184	ug/l	
77) Bromobenzene	12.53	156	245304	19.670	ug/l	99
78) n-propylbenzene	12.59	91	1154574	20.143	ug/l	99
79) 2-Chlorotoluene	12.67	91	680523	19.937	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	823694	20.469	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	52918	17.820	ug/l	95
82) 4-Chlorotoluene	12.77	91	681820	19.820	ug/l	100
83) tert-Butylbenzene	12.99	119	735164	20.493	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	826279	20.489	ug/l	100
85) sec-Butylbenzene	13.17	105	992916	20.321	ug/l	100
86) p-Isopropyltoluene	13.29	119	835794	20.083	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	426562	19.554	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	411795	19.164	ug/l	98
89) n-Butylbenzene	13.62	91	689521	19.922	ug/l	100
90) Hexachloroethane	13.88	117	135080	19.169	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	411033	19.722	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	29669	18.074	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	188060	18.369	ug/l	100
94) Hexachlorobutadiene	15.01	225	133746	19.948	ug/l	98
95) Naphthalene	15.13	128	367971	17.584	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	178422	18.797	ug/l	98

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

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