

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111324\
 Data File : VV038036.D
 Acq On : 13 Nov 2024 10:59
 Operator : SY/MD
 Sample : P4749-22DL 2X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 13 23:11:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 13 00:39:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	273255	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	274989	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	135075	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	108510	4.562	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.200%
7) Chloroethane-d5	1.529	69	90713	4.679	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.050	65	45793	4.394	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	3.825	46	211468	38.690	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.380%
24) Chloroform-d	4.236	84	205609	4.586	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	4.934	65	98331	4.618	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	4.947	84	388388	4.571	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	5.979	67	122843	4.615	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.233	98	326657	4.204	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	7.551	79	45977	4.261	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.021	63	196534	40.746	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.500%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	94725	4.302	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.000%
66) 1,2-Dichlorobenzene-d4	11.551	152	137166	4.884	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.278	62	497566	17.934	ug/L	98
8) Chloroethane	1.278	64	160477	9.546	ug/L #	44
12) 1,1-Dichloroethene	2.063	96	161679	7.783	ug/L	84
16) Methylene chloride	2.439	84	121523	4.940	ug/L	98
18) trans-1,2-Dichloroethene	2.687	96	73919	3.288	ug/L	96
22) cis-1,2-Dichloroethene	3.809	96	24100	1.020	ug/L	95
27) 1,2-Dichloroethane	5.040	62	48101	2.006	ug/L	99
29) 1,1,1-Trichloroethane	4.497	97	304789	8.210	ug/L	98
31) Carbon tetrachloride	4.722	117	53674	1.660	ug/L	97
33) Benzene	5.002	78	106272	1.215	ug/L	100
34) Trichloroethene	5.825	95	72494	3.032	ug/L	99
35) Methylcyclohexane	5.976	83	29620	0.821	ug/L #	19
37) 1,2-Dichloropropane	6.082	63	82548	3.816	ug/L	99
42) Toluene	7.307	91	371594	4.067	ug/L	99
45) 1,1,2-Trichloroethane	7.760	97	90561	5.218	ug/L	99
47) Tetrachloroethene	7.895	164	138490	7.382	ug/L	96
49) Dibromochloromethane	7.895	129	125898	6.729	ug/L #	11
51) Chlorobenzene	8.805	112	455718	7.320	ug/L	99
52) Ethylbenzene	8.940	91	101796	1.026	ug/L	98

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53) m,p-Xylene	9.063	106	270296	7.224	ug/L	97
54) o-Xylene	9.471	106	63463	1.753	ug/L	100
55) Styrene	9.493	104	75769	1.201	ug/L	99
60) Isopropylbenzene	9.471	105	33246	0.369	ug/L #	1
61) 1,2,3-Trichloropropane	10.091	75	11141	0.844	ug/L #	51
62) 1,3,5-Trimethylbenzene	9.471	105	33246	0.461	ug/L #	28
64) 1,3-Dichlorobenzene	11.201	146	452921	9.745	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	452921	9.472	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	208196	4.790	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	114696	3.779	ug/L	97

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

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